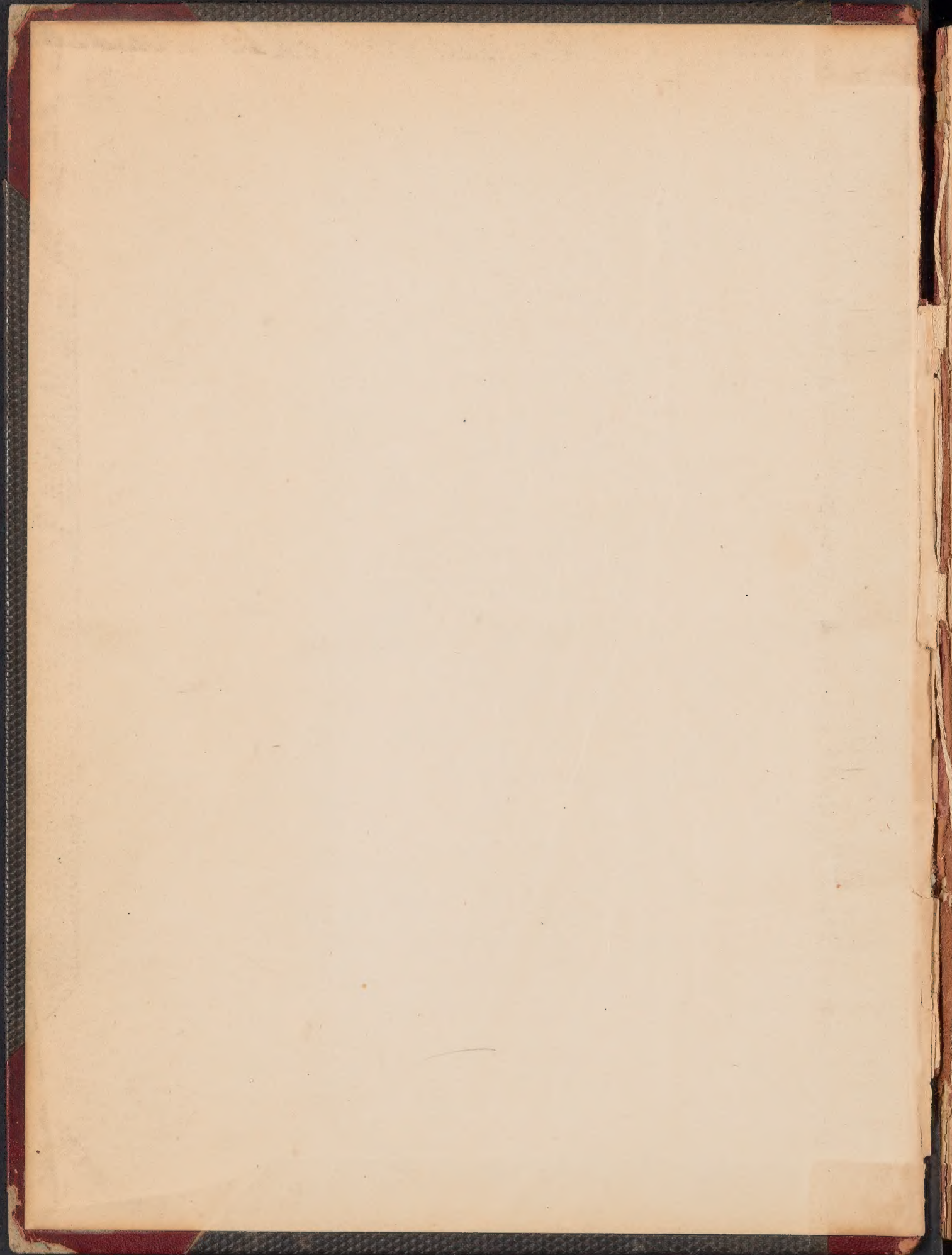
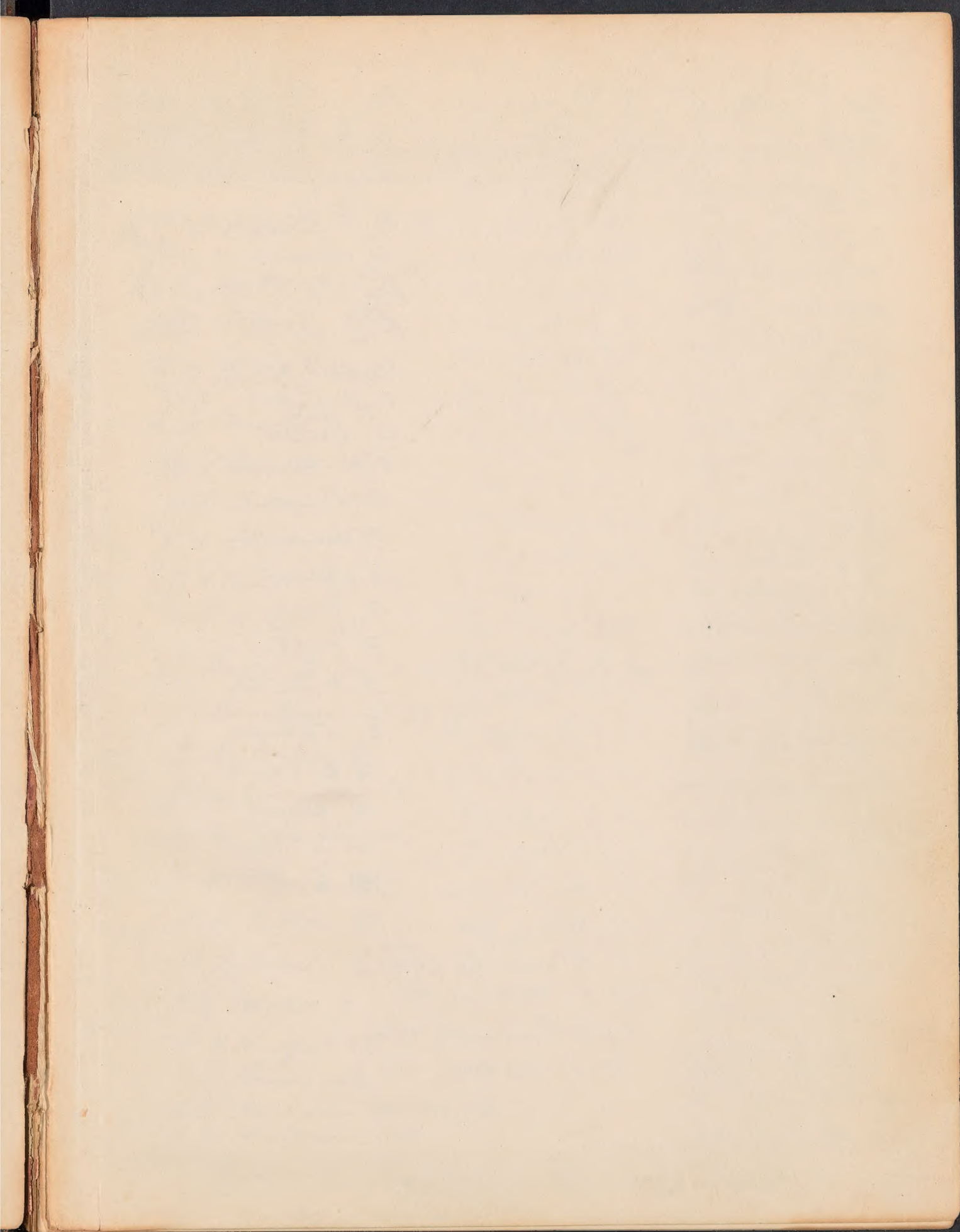


③



Merritt Lyndon Fernald.



W.C. Vermer 1.
 Edo Claassin 3,
 M.E.P. Ames 4.
 S.B. Parish 4
 A. Dugis 6
 J. Macconn 8
 S.B. Parish 9
 A.J. Grant 9
 J.M. Haskell 9
 H.J. Staples 9
 G.L. Perry 9
 J.B. Needham 10
 K.E. Andrews 10
 J. Kalf 11
 K.E. Andrews 12
 H.N. Patterson 13
 E. Taylor 18
 E.L. Rand 20
 M.L. Frazier 21
 J. F. Collins 25
 J. Williams 26
 C. V. Piper 32
 B. O. Bush 32
 H.N. Patterson 35
 C. F. Wheeler 35
 C. V. Piper 36
 J. L. Stevens 40
 Susan Tucker 41
 M. E. Jones. 44
 W. F. Leese. 45
 Miss Loring 46
 Miss Furbish 48

W.C. Vermer. 48
 Miss Eastmont 51
 M.A. Stiles. 53
 A.J. Grant 58
 H.L. Clark. 53
 Mr. Peabody 54
 G.S. Miller. 54
 A. Davidson 54
 F. H. Horsford 54
 F.L. Hawey 56.
 A.J. Grant 56.
 John Kalf 57
 W.C. Vermer 59
 S. H. Camp 63
 S.B. Parish, 63
 A.J. Grant 63
 A. Davidson 64.
 W.W. Eggleston 65
 J.M. Macconn 66
 C. K. Dodge. 66
 J. S. Brandegee 70,
 C. V. Hartman 71/
 C. V. Piper 85
 C.E. Lloyd. 97
 A. Dugis 102
 A. Nelson 106.
 S. H. Camp 107
 C. V. Hartman. 110
 Carl Lumboltz 112
 C. V. Hartman 113

A. Dugis 122
 Mrs. J.H. Sheldon 122
 S.B. Parish 125
 Peary— 126
 L. F. Hudsonson 134
 A. Dugis, 138
 Mrs. M.E. P. Ames 141
 O.D. Allen 142
 Elizabeth Taylor 145
 C. V. Piper. 146
 A. Dugis 148
 F. H. Lamb 149
 A. Dugis 161
 A. Davidson 161
 L. Jaret 162
 A. Dugis 162
 F. C. Staub 165
 A. H. Curtis 169
 E. Palmer 170
 S.B. Parish 193
 A. Dugis 194
 A. Nelson 197
 A. S. Hitchcock 199

Plants from W. C. Wernier.

Columbus, Ohio.

Nov. 1891.

1

182. *Aster corymbosus*, Ait. (appr. *macrophyllus*)
linus, Nees.

Mary E. P. Ames 4, 141.

M. E. Andrews 10, 12,

O. D. Allen, 142,

B. F. Bush, 32,

J. S. Brandegee 70,

E. Claassen 3,

J. F. Collins 25,

H. L. Clark 53,

S. H. Camp 63, 107.

A. H. Curtis 169.

A. Dugès 6, 102, 122, 138, 148, 161, 162, 194.

A. Davidson, 54, 64, 161.

C. R. Dodge 66.

Alice Eastwood 51,

N. W. Eggleston 65,

M. L. Fernald 21.

Kate Furbish 48,

A. J. Grant. 9, 53, 56, 63,

J. M. Haskell, 9.

F. H. Harford 54,

F. L. Hawes 56,

C. V. Hartman 71, 110, 113,

L. F. Henderson 134,

e)

186.

r *vinineus*)

(near *Tradesanti*)

destitute of rays)

leaves)

lavender, disk purplish)

L. (?) (growing with *diffusus*)
 mod. from New Jersey.)

37. *Galatella hyssopifolia*, Nees = *Aster hyssopifolius*, L.

W.C. Verner 1,
Edo Claassin 3,
M.E.P. Ames 4,
S.B. Parish 4
A. Dugès 6
J. Macoun 8
S.B. Parish 9
A.J. Grant 9
J.M. Hastell 9
H.S. Staples 9
G.L. Perry 9
J.G. Needham 10
H.E. Andrews 10
J. Melf 11
H.E. Andrews 12
H.N. Patterson 13
E. Taylor 18
E.L. Rand 20
M.L. Fernald 21
J. J. Collins 25
J. Williams 26
C. V. Piper 32
B.D. Bush 32
H.N. Patterson 33
C. F. Wheeler 3
C. V. Piper 30
J. L. Stevens 4
Susan Tucker 41
M.E. Jones 44
H. Feltner 45
Miss Loring 46
Miss Furbish 48

W.C. Verner 48
Miss Eastwood 51
M.A. Stiles 53
A.J. Grant 58
S.P. — —

A. Dugès 122
Mrs. D.H. Sheldon 122
S.B. Parish 125
Pearson — 126

A.S. Hitchcock 199

M.E. Jones 44

L. Jared 162.

Mrs Loring 46,

F. E. Lloyd 97.

Carl Lumboltz 112,

J.H. Lamb 149.

J. Macoun 6,

G.S. Miller 54.

J.M. Macoun 66,

J.G. Needham 10.

A. Nelson 106, 197.

S.B. Parish 4, 9, 63, 125, 193,

G. L. Perry 9,

H.N. Patterson 13, 36,

C.V. Piper 32, 36, 85, 146,

F.H. Peabody 54,

Robt. Peary 126,

E. Palmer 170,

E. L. Rand 20,

H.F. Staples 9,

J. L. Stevens 40,

Plants from W. C. Werner.

Columbus, Ohio.

Nov. 1891.

1

182. *Aster corymbosus*, Ait. (appr. *macrophyllus*)

linus, Nees.

W. A. Stiles 53,

Mrs. D. A. Sheldon 122.

F. C. Staub 163,

Elizabeth Taylor 18, 145

Susan Tucker 41, ~~45~~,

Wm. Trelease 45,

W. C. Werner 1, 48, 59,

J. Williams 26,

C. F. Wheeler 35,

John Wolf 57.

le)

T. & G.

or *virginicus*)

(near *Tridacnoides*)

(destitute of rays)

leaves)

& lavender, disk purplish)

ll. (?) (growing with *diffusus*)
rod. from New Jersey)

37. *Galatella hyssopifolia*, Nees = *Aster hyssopifolius*, L.

Plants from W. C. Werner.

Columbus, Ohio.

Nov. 1891.

1

182. *Aster corymbosus*, Ait. (appr. *macrophyllus*)
 38 3 $\frac{1}{2}$. " *patens*, Ait. v. *phlogifolius*, Nees.
 2/. " *ericoides*, L.
 2 1 $\frac{1}{4}$. " " (rays purple)
 2 1 $\frac{1}{2}$. " " v. *villosus*, T. & G.
 22. 22 $\frac{1}{4}$, 22 $\frac{1}{2}$. " *multiflorus*, Ait.
 23. " *vimineus*, Lam.
 24. " *vimineus*, Lam.
 24 $\frac{1}{4}$. " *diffusus*, Ait.
 24 $\frac{1}{2}$. " " "
 24 $\frac{3}{4}$. " " " (near *vimineus*)
 25 & 25 $\frac{1}{4}$. " *Tradescanti*, L.
 26. " *paniculatus*, Lam. (near *Tradescanti*)
 26 $\frac{1}{4}$. " " (almost destitute of rays)
 27 $\frac{1}{4}$. " " (small leaves)
 27 $\frac{1}{2}$. " " (rays pale lavender, disk purplish)
 28, $\frac{1}{4}$, $\frac{1}{2}$. " " "
 29. " *salicifolius*, Ait.
 30, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$. " *paniculatus*, Lam.
 3/. " " "
 32. " *salicifolius*, Ait.
 32 $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$. " *novi-Belgii*, L.
 33. " *diffusus*, Ait.
 34. " *purpureus*, L.
 35. " *prenanthoides*, Muhl. (?) (growing with *diffusus*)
 36. " *dumosus*, L. (Introd. from New Jersey)
 37. *Galatella hypsopifolia*, Nees = *Aster hypsopifolius*, L.

38. 38½ *Helianthus decapetalus*, L.
 39. " *tuberosus*, L.
 40. " "
 41. " "
 42. 42½ " *parviflorus*, Bernh.
 43. " "
 44. *Galium trifidum*, L. v. *pusillum*, Gray.
 45. *Houstonia purpurea*, V. *calycosa*, Gray. (?)
 46. *Samolus Valerandi*, L. v. *Americana*, Gray.
 47. *Pycnanthemum linifolium*, Pursh.
 48. " "
 49. *Lycopus rubellus*, Moench.
 50. " *virginicus*, L.
 51. *Monarda fistulosa*, L.
 52. " *Clinopodia*, L.
 53. *Plantago major*, L.
 54. *Helianthus decapetalus*, L.
 55. *Actinella acaulis*, Nutt. v. *flabra*.
 56. *Bidens connata*, Muhl. v. *comosa*, Gray.
 56¼ " *connata*, Muhl.
 56¾ " *frondosa*, L.
 57. *Artemisia annua*, L.
 58. *Acnida tuberculata*, Moq.
 59. *Cheerapodium Boscianum*, Moq.
 59¼, ½ " "
 60. " *album*, L.
 62. *Polygonum Muhlenbergii*, Watson.
 63. " "

64. *Polygonum Pennsylvanicum*, L.
 65.⁶¹ " *Lapathifolium*, L. v. *incarnatum*.
 66. *Euphorbia Helioscopia*, L.
 67. *Alnus glutinosa*, Gaertn. (Cult.)

Memoranda on Plants from
 Edo Claassen, Cleveland, Ohio.
 Dec., 1891.

- "n." *Carex teretiuscula*, Gooden.
 "x." " *straminea*, Willd.
 "y." " *tribuloides*, Wahl. v. *reducta*, Bailey.
 "z." " " " *cristata* "
 "Glyceria obtusa" is *G. nervata*, Trin.
 "Eatonia obtusa" is *E. Dudleyi*, Vasey.
 "Panicum scoparium?" is *P. scoparium*, Lam.
 "Panicum depauperatum I" is *P. commutatum*, Schultes.
 "Panicum depauperatum II" is *P. depauperatum*, Lam.
 "Panicum dichotomum" is *P. laxiflorum*, Lam.
 "Panicum gibbum?" is *P. miliaceum*, L.

Plants from Mrs. Mary E. P. Ames,
Auburn, Cal.
Jan., 1892.

2. *Ranunculus alismæfolius*, Gay.
3. " *mucronatus*, L.
11. *Lathyrus sulphureus*, Brewer.
21. *Phacelia humilis*, T. & G.
23. *Cheilanthes gracillima*, Eaton.
24. *Chaetactis glabriuscula*, DC.
33. *Sagina occidentalis*, Watson.
Peucedanum dasycarpum, T. & G.

Plants from Saml B. Parish,
San Bernardino, Cal.

March, 1892.

2157. *Malva parviflora*, L. (?) (sent as borealis, Wallen)
(2135. *Allium hæmatochiton*, Watson.
2149. *Trifolium gracilentum*, T. & G.
2172. *Hosackea micrantha*, Mitt.
2174. *Cuscuta salina*, Engelm.
2200. *Meibomia affinis*, Greene.
2224. *Lactuca Canadensis*, L.
2231. *Tellima affinis*, Bolander. (with bulblets)
2240. *E Begia Texana*, C. L.
2243. *Andropogon saccharoides*, Swg.
2245. *Chrysopsis villosa*, Mitt., v. *echioides*, Gay.
2246. *Echinodorus rostratus*, Engelm.
2249. *Quercus* ~~*Engelmannii*~~ ^{*oblongifolia*}, = *Engelmannii*, Greene.

2268. *Quercus dumosa*, Nutt.
 2280. *Mentha rotundifolia*, L.
 2281. *Cuscuta salina*, Engelm.
 2282. *Solidago confinis*, Gray.
 2283. *Eriogonum gracile*, Benth.
 2284. " *molestum*, Watson.
 2285. " *vimineum*, Dougl.
 2286. *Hasackea Purshiana*, Benth.
 2287. *Trifolium roscidum*, Greene.
without numbers.

Allium campanulatum, Watson.
Echinocystis Gilensis, Greene. (Probably, only leaves.)
Stephanomeria virgata, Gray.
Calochortus Plummerae, Greene.

- 45^B. *Dasyllirion Wheeleri*, Watson.
 67. *Gouenia brevifolia*, Rehb. f.
 74. *Justicia furcata*, Jacq.
 77. *Tetramerium hispidum*, Nees.
 ! 78^C. *Jacobinia paniculata*, Oerst, ex char. !
 78^B. *Libonia (Jacobinia) floribunda*, C. Koch.
 152. *Cuscuta tinctoria*, Mart.
 153. *Ehretia Mexicana*, Watson.
 193. *Acalypha Lindheimeri*, Müll. Arg.
 225. *Stachys coccinea*, Jacq.
 230. *Cinnamomum albiflorum*, Nees. (?) (Only leaves)
 235. *Gouenia diphylla*, Pers.
 245. *Cratalaria pumila*, Ort.
 ! 257^B. *Dalea phymatodes*, Willd., fere ex Char.
 ! 266^A. *Phorodendron corymbosum*, Eich. ex Char.
 269^C. *Nesaea salicifolia*, HBK.
 280. *Malva viscus arboreus*, Cav.
 ! 281. *Malva viscus acerifolius*, Presl, ex Char.
 ! 284. *Anoda incarnata*, HBK. ex Char.
 299. *Pisonia hirtella*, HBK.
 300. *Oxybaphus cerventesii*, Sweet.
 302. *Oenothera biennis*, L.
 365^B. *Crusea subulata*, Gray.
 ! 375. *Calceolaria glutinosa*, Ferr. & Regel, ex Char.
 379^C. *Mimulus glabratus*, HBK.
 385. *Lanuvouzia multifida*, HBK.

391. *Buddleia Humboldtiana*. R. & S. var.

- Lasianthus Wheeleri*, Watson. "Totol"
Eustolia tinctoria, Mart. "Gacatlaxcal."
Ehretia Mexicana, Watson. "Español blanco"
Malvaviscus asarifolius, Presl. "Monacillo blanco."
 " *arborescens*, Cav. "Chilito colorado."
Genotricha biennis, L. "Licenciada"
Buddleia Humboldtiana, R. & S. "Leprogan blanco;"
Senecio praecox, DC. "Candelero"
Bidens odorata, Cav. "Accitilla"

meath & above)

f. ...)

Gray.

chl., ex Char.

Lorain, Müll. Arg.

= *Polypodium thyrsanolepis*, A. Braun.
 "Andoma" = *Phycia leucomela* (L.) Michx.

391. *Buddleia Humboldtiana*, R. & S. var.
 391^a *Buddleia Humboldtiana*, R. & S.
 391^b *Buddleia verticillata*, HBK.
 392. *Buddleia verticillata*, HBK.
 392^a " *verticillata*, HBK.
 392^b " *verticillata*, HBK.
 395. *Solanum nigrum*, L.
 432. *Heterospermum pinnatum*, Cav.
 452. *Senecio praecox*, DC.
 456^a *Montanoa grandiflora*, DC. (?) (200 young)
 460. *Galuzania triloba*, Pers.
 471. *Bidens odorata*, Cav.

- "Naranjillo" = *Ilex rubra*, Watson, var. - (pubescent beneath & more above)
 "Ahuacatillo" = *Garrya Fadyenii*, Hook. (?) (Poor specimen)
 "Acámbaro" = *Vernonia Alamani*, DC.
 "Acetitilla" = *Bidens exaristata*, DC.
 "Composilla" = *Lridax trifida*, Gay, v. *alboradiata*, Gay.
 "Anisillo" = *Tagetes micrantha*, Cav.
 "Gonolobus? Erianthus" = *Gonolobus uniflorus*, HBK.
 "Viscum ???" = *Phorodendron corynanthron*, Eichl., ex Cham.
 "Euphorbiace" = *Euphorbia campestris*, C. & S., v. *esulteforans*, Willd. & Ag.
 "Morus sp?" = *Morus rubra*, L.
 de "Serro de Sirena" *Salix taxifolia*, HBK.
 "Tillandsia Dugesii" = *Tillandsia Parryi*, Baker.
 "Graminea A" = *Bouteloua Harvardii*, Vasey.
 "Luzière A & B" = *Polypodium thyrsanolepis*, A. Braun.
 "Andoma" = *Physcia leucomela* (L.) Michx.

Plants from Can. Geol. Sur.

John Macoun, Ottawa.
May¹² 1891.

1. *Castilleja pallida*, v. *septentrionalis*, Gray.
2. " *parviflora*, Bong.
3. " " "
4. " " "
5. " *pallida*; v. *septentrionalis*, Gray!
6. " *pallida* Kunth.
7. *Castilleja miniata*, Dougl.
8. " " "
9. " *pallida*, Kunth.
10. " " "
11. *Orthocarpus pallescens*, Gray.

June 30. *Mimulus luteus*, L., v. *depauperatus*.

" 24. " "

" 24A) " *rubellus*, Gray." 24A) *Heterocodon rariflorum*, Nutt.July 5. *Echinosperrum diffusum*, Lehm.

Aug. 11. " "

July 21. *Amsnickia lycopsoides*, Lehm.Aug. 7. *Gilia minutiflora*, Benth.Aug. 12. *Gentiana arcophila*, Giseb., v. *densiflora*." 14. " *propinqua*, Rich.*Dodecatheon Hendersoni*, Gray.

Plants from S.B. Parish

San Bernardino, Cal. Aug. 1892.

2316. *Ranunculus californicus*, Bth. V. *latilobus*, Gay.
 2320. *Arabis Holboellii*, Hornem.
 2322. *Arabis Holboellii*, Hornem.
 2328. *Barbarea vulgaris* Koch (var. *alba*, Parish).
 2381. *Galium stellatum*, Nutt.
 2402. *Collinsia grandiflora*, Dougl. V. *pusilla*, Gray.
 2412. *Amsomnia tomentosa*, Torr. (broad leaves).
 2433. *Krynitzkia tachycarpa*, Gray. (Close to *A. diffusa*, Greene).
 2436. *Cuscuta denticulata*, Engelm.
 2452. *Abronia nana*, Wats. (erecta, Parish).
 2465. *Iris Missouriensis*, Nutt.
 2478. *Ribes sanguinum*, Pursh, V. *glutinosum*, Watson.
 2483. *Arabis Holboellii*, Hornem.
 2510. *Acer glabrum*, Torrey.
 2513. *Garrya fremonti*, Torr.
 2525. *Chimaphila Menziesii*, Spreng.
Caulanthus amplexicaulis, Watson.

From A. J. Gout, Newfane, Vt., Oct. 13, '92.

Aster prenanthoides, Muhl.

From Miss J. M. Haskell, Livermore Falls, Me.

Cuscuta Epithymum, Murr.

From A. J. Gout.

Stachys ^{spera} arvensis Michx.

From H. F. Staples, Uxbridge, Mass.

Tricyrtis hirta, Hook.

From G. L. Perry, Wilmington, Mass.

Eupatorium purpureum (white).

J.G. Medham, Jerseyville, Ill. Oct. 31.
Salidago speciosa, Nutt. toward *V. angustata*.

from W.E. Andrews, Cassinville, Ill.
 Nov. 2, 1892.

1. *Aster anomalus*, Engelm.
2. " *azureus*, Lindl.
3. " *multiflorus*, Ait.
4. " *Novae-Angliae*, L.
5. " *diffusus*, Ait. *sagittifolius*, Willd.
6. " *sagittifolius*, Willd.
7. " "
8. " *turbinellus*, Lindl. (pubescent.)
9. " *sericeus*, Vent.
10. " *salicifolius*, Ait. *paniculatus* Lam.
11. " ~~*diffusus*, Ait. toward *V. thyrsoides*, G.~~
12. " *diffusus*, Ait.
13. " *ericoides*, L.
14. " " *V. villosus*, T. & G.
15. " ~~*salicifolius*, Ait. *tradescanti* L~~
16. " ~~*salicifolius*, Ait. *subaequalis*, Gray.~~

Plants from John Walf. Canton, Ill. Nov. 5.

1. *Muhlenbergia sylvestica*, Torr. & Gray.
2. " *sobolifera*, Trin.
3. *Poa annua*, L.
4. *Elymus Virginicus*, L.
5. " "
6. *Muhlenbergia Willdenovii*, Trin.
7. *Agrostis alba*, L.
8. " *scabra*, Willd.
9. " *perennans*, L.
10. *Muhlenbergia Willdenovii*, Trin.
11. *Carex stricta*, Lam., v. *angustata*, Bailey.
12. " " "
13. *Muhlenbergia Willdenovii*, Trin.
14. " "
15. *Aster paniculatus*, Lam.
17. { " *diffusus*, Ait., v. *thyrsoides*, Gray.
" *Tradescanti*, L.
18. *Aster ericoides*, L., v. *villosus*, T. & G.
18. " *diffusus*, Ait., v. *bifrons*, Gray.
19. " *paniculatus*, Lam.
20. " " "
21. " " "
22. " " "
23. " *Novi-Belgii*, L.
24. " *paniculatus*, Lam.
25. *Muhlenbergia sobolifera*, Trin.
26. " *Willdenovii*, Trin.

Asters from W.E. Andrews, Carlinville, Ill.
Nov. 10, 1892.

- | | |
|-----------------|--|
| 1 ^a | <i>Aster sagittifolius</i> , Willd. |
| 2 ^a | " " " |
| 3 ^a | " <i>paniculatus</i> Lam. |
| 4 ^a | " " |
| 5 ^a | " " |
| 6 ^a | " " |
| 7 ^a | " " |
| 8 ^a | " " |
| 9 ^a | " <i>salicifolius</i> , Ait., <i>v. subasper</i> . Gr. |
| 10 ^a | " " |
| 11 ^a | " <i>cordifolius</i> , L. |

from J.M. Holzinger Nov 25, '92.

Aster cucoides, *v. Franklini*, Gray.

Silene pinnatifida. Nutt.

from Garden. Dec. 5, '92

Epipendrum diffusum. For.

Sclaudra laevis. H.A.

Patterson's Colorado Collection. 1892.

Determined Nov. 5. 1892.

Collector's
nos.

19. *Anemone multifida*, Poir.
 10. *Clematis Douglasii*, Hook.
 33. *Ranunculus alismaefolius*, Seyer.
 12. *Berberis repens*, Lindl.
 106. *Corydalis aurea*, Willd.
 30. *Lychnis Drummondii*, ^{Wats.} Hook. (fide Dr. R.)
 83. *Saxifraga Limaei*, Presl.
 16. *Claytonia Chamissonis*, Esch.
 32. " *megarrhiza*, Parry.
 71. *Geranium Fremonti*, Torr., *G. Parryi*, Engelm.
 39. " *Fremonti*, Torr.
 112. *Pachystima myrsinites*, Raf.
 22. *Ceanothus velutinus*, Dougl.
 73. *Astragalus alpinus*, L.
 62. " *oroboides*, Hornem., *A. Americanus*, Gray.
 4. " *hypoglathis*, L.
 23. " *multiflorus*, Gray.
 145. " *Parryi*, Gray.
 60. *Lupinus parviflorus*, Nutt.
 57. *Oxytropis deflexa*, DC.
 33. " *multiceps*, Nutt.
 103. *Trifolium nanum*, Torr.
 45. *Potentilla humifusa*, Nutt.
 78. " *niva*, L.
 77. " *niva*, L.

44. *Poleutilla hippiana*, Lehm., v. *pulcherrima*, Wats.
 30. " " "
 100. " " "
 63. " " " " "
 13. *Ribes cereum*, Dougl.
 51. " *lacustre*, Poir., v. *molle*, Gray.
 38. *Saxifraga bronchialis*, L.
 58. " *debilis*, Engelm.
 111. *Gayophytum racemosum*, Torr. & Gray.
 86. " *ramosissimum*, Torr. & Gray.
 9. *Montzchia dispersa*, Watson.
 8. " *multiflora*, Nutt.
 47. *Echinocactus Simpsoni*, Engelm.
 107. *Ligusticum scopulorum*, Gray.
 43. *Galium trifidum*, L., v. *pusillum*, Gray.
 110. *Aplopappus Parryi*, Gray.
 132. *Arnica foliosa*, Nutt.
 82. *Artemisia borealis*, Pall.
 142. " *Ludoviciana*, Nutt.
 143. " " "
 89. " *Norvegica*, Fries.
 109. " *tridentata*, Nutt.
 109a. " *drummcuroides*, Pursh (apparently)
 76. *Aster adscendens*, Lindl.
 113. *Bickuria grandiflora*, Nutt., v. *minor*, Gray. (ide. etc. R.)
 14. *Bipetovia Parryi*, Gray.
 70. *Bania chrysanthemoides*, Gray.
 75. *Chrysopsis villosa*, Nutt.

- 139a. *Chrysopsis villosa*, Nutt., *v. foliosa*, Eaton.
 139b. " " *v. canescens*, Gray.
 139c. " " *v. sessiliflora*, Gray.
 67. *Erigeron Parryi*, Gray.
 21. *Erigeron canus*, Gray.
 66. " *salsuginosus*, Gray.
 129. (1259) " "
 129. " *Coultteri*, Porter.
 125. " *grandiflorus* Hook., *v. elatior*, Gray.
 42. " *glabellus*, Nutt., *v. mollis*, Gray.
 97. " *glabellus*, Nutt.
 93. " *salsuginosus*, Gray, *v. glaciatus*, Gray.
 124. " *uniflorus*, L.
 135. *Grindelia squarrosa*, Donat.
 29. *Hieracium albiflorum*, Hook.
 94. { *Hieracium gracile*, Hook.
 " " *v. detonsum*, Gray.
 127. *Madia glomerata*, Hook.
 55. *Senecio serra*, Hook.
 37. *Senecio crassus*, Gray.
 84. " *cernuus*, Gray.
 118. " *Douglasii*, DC.
 131. " *lugens*, Rich., *v. exaltatus*, Gray.
 32. " " "
 95. " " " *v. faciosus*, Gray.
 134. " " " *v. exaltatus*, Gray.
 81. *Solidago humilis*, Pursh, *v. nana*, Gray.
 130. " " "

137. *Solidago humilis*, Pursh.
 48. " *Missouriensis*, Nutt., *W. montana*, Gray.
 85. " " *near v. extharia*, Gray.
 85a. " " *between vars. mont. & exth.*
 98. " *multoradiata*, Ait., *v. scopulorum*, Gr.
 65. " *humilis*, Pursh.
 5. *Stephanomeria runcinata*, Nutt.
 3. *Thelesperma gracile*, Gray.
 88. *Troximon aurantiacum*, Hook.
 80. *Campanula rotundifolia*, L., *v. arctica*, Lange.
 104. " *uniflora*, L.
 57. *Vaccinium*, *Myrtillus*, L.
 122. " " *v. microphyllum*, Hook.
 59. *Frasera speciosa*, Dougl.
 102. *Gentiana affinis*, Griseb.
 133. " *Cluauella*, L., *v. acuta*, Hook.f.
 40. " *tenella*, Rottb.
 117. *Pleurogyne rotata*, Griseb.
 41. *Gilia agagata*, Spreng.
 68. " *linearis*, Gray.
 121. *Krynitzkia californica*, Gray.
 15. *Phacelia circinata*, Jacq.f.
 1. *Evolvulus argenteus*, Pursh.
 25. *Castilleja linariaefolia*, Benth.
 134. " *pallida*, Kunth, *v. septentrionalis*, Gray.
 72. *Rimocolla aquatica*, L.
 69. *Mimulus floribundus*, Dougl. (Smoothish form)
 26. " *glabratus*, HBK. *v. adscendeus*, Gray.

105. *Pedicularis racemosa*, Dougl.
 64. " *procera*, Gray.
 14. *Pentstemon acuminatus*, Dougl.
 34. " *confertus*, Dougl., v. *caeruleo-purpureus*, Gray.
 27. " *glaber*, Pursh.
 31. " " *v. alpinus*, Gray.
 15. " *secundiflorus*, Benth.
 6. *Aphyllon fasciculatum*, Gray.
 74. *Dracophtalum parviflorum*, Nutt.
 2. *Scutellaria resinosa*, Torr.
 20. *Monotropa chenopodioides*, Moq.
 99. *Polygonum imbricatum*, Nutt.
 138. *Arceuthobium americanum*, Nutt.
 108. *Juniperus communis*, L.
 17. *Habenaria hyperborea*, R.Br.
 46. *Syggadenus elegans*, Pursh.
 115. *Juncus Drummondii*, E. Meyer.
 87. " *Parryi*, Engelm.
 101. *Eleocharis pauciflora*, Link.
 111. *Woodia oregana*, L. C. Eaton.

Plants from Miss Elizabeth Taylor. Dec. 20, '92.
Coll. at Mackenzie Delta &c.

1. *Vaccinium Vitis-Idaea*, L.
2. " *uliginosum*, L.
3. *Valeriana capitata*, Pall.
4. *Spiraea betulifolia*, Pall.
5. *Cornus Canadensis*.
6. *Orchis rotundifolia*, Pursh.
7. *Ribes Hudsonianum*, Rich.
8. *Dryas octopetala*, v. *integrifolia*, C. & S.
9. *Lopidium boreale*.
10. *Beckmannia cruciataeformis*, Host.
11. *Stellaria longipes*, Goldie, v. *minor*, Hook.
12. *Habenaria obtusata*, Rich.
13. *Elaeagnus argentea*.
14. *Aster Sibiricus*, L.
15. *Aquilegia flavescens*, Wats.
16. *Gygadineus elegans*, Pursh.
17. *Cypripedium passerinum*.
18. *Saxifraga bronchialis*, L.
19. *Linum boreale*, Salisb.
20. *Rubus Chamaemorus*, L.
21. *Mertella nuda*, L.
22. *Ranunculus multifidus*, Pursh, v. *repens*, Wats.
23. *Pyrola rotundifolia*, v. *uliginosa*, Gray.
24. *Corallorhiza innata*, R. Br.
25. *Parnassia palustris*, L.

26. *Andromeda polifolia*, L.
27. *Arenaria latrifolia*, L.
28. *Cassiope Meitenciana*, Don.
29. *Erigeron acris*, L.
30. *Rubus arcticus*, L.
31. *Moneses uniflora*, Gray.
32. *Rubus triflorus*, Rich.
33. *Pyrola chlorantha*, Swartz.
34. *Potentilla anserina*, L.
35. *Pyrola rotundifolia*, V. *asarifolia*, Hook.
36. *Ledum latifolium*, Lit.
37. *Adoxa Moschatellina*, L.
38. *Primula farinosa*, L.
39. *Woodsia Illoensis*, R.Br.
40. *Monotropa uniflora*, L.
41. *Potentilla fruticosa*, L.
42. *Pinguicula vulgaris*, L.
43. *Erigeron Philadelphicus*, L.

Plants from Mt. Desert Island. E. L. Raud. Jan. 1893.

Spinacea glabra, Mill. ^{leafy chow.}

Chenopodium album.

Convolvulus sepium, L. v. *Americanus*, Sims.

Galium aparine, L.

Oenothera biennis, (remarkably hairy)

Ribes floridum.

Malva verticillata, L.

Elatine Americana.

Brassica Sinapistrum, Boiss.

Rosa lucida.

Chrysanthemum leucanthemum (large leaves.)

Polygonum maritimum, L.

Puccinellia serpentaria Pursh.

" " v. *nana*.

Plantago decipiens.

Euphrasia officinalis, v. *Satarica*.

Equisetum arvense.

Potamogeton hybridus.

Sparganium simplex, Huds.

" " v. *angustifolium*, Eng.

Habenaria fimbriata. (monstrous form)

Scirpus pungens, Vahl.

Plants from Mt Desert Id. M. L. Fernald. Jan. 1893.

Lycopodium imbricatum, L.

Woodsia Ilornsis, R. Br.

Aspidium Sprimulosum, V. dilatatum, Hook.

Abies alba, Link. (abnormal cones)

Stipa Macounii, Scribn.

Elymus mollis,

Sporobolus scotinus, Torr.

Panicum depauperatum, V. fasciculatum.

Eleocharis tenuis, Sch.

" *olivacea*, Torr.

" *ovata*, R. Br.

Rhynchospora fusca,

" *alba*,

Cladium mariscoides,

Carex scoparia, Schk.

" *staminea*, V. brevior, Dew.

" *filiformis*, L.

" *considea*, Schk.

" *crinita*,

" *flava*, L.

" *maritima*, D. F. M.

Scirpus maritimus

Carex staminea, V. *acumulata*

Juncus Canadensis, V. *longicaudatus*, Desf.

"

" *pelocarpus*, L. Meyn.

" *filiformis*, L.

- Juncus Greenii*, Baker & Tuck.
Potamogeton ophioglossoides, Nutt.
Salopogon pulchellus, R.Br.
Microstylis ophioglossoides, Nutt.
Habenaria tridentata, Hook.
 " *limbiata*, R.Br.
Thalictrum Canadense, Desv.
Trigonium angustifolium, Willd.
Potamogeton perfoliatus, L.
 " " *lanceolatus*, Robbins.
 " *pusillus*, L. (fide Morong)
 " *hybridus*, Mx (" ")
Sporogonium androcladum (Eng) Morong (fide Morong)
 " *simplex*, Huds. (fide Morong)
 " *minimum*, Fries. " "
Aquilegia alba, L.
Polygonum Carey, Olney.
 " *convolvulus*, L.
Mentha sativa, L.
Utricularia cornuta, Mx.
 " *resupinata*, B.D. Greene.
Livaria Canadensis, Dum.
Euphrasia officinalis, L.
Veronica peregrina, L.
Travisia viridis, Michx.
Cassium compressum, L. v. *fallidum*, Gay.
 " " v. *anacardium* -
 " *officinale*, L.
 " *macrocarpum*, Ait.

Sagittaria ^{presinosa.} ~~prostrata.~~ T. & G.

" *umbrosa* - T. & G.

Rhododendron *Rhodora*. Don.

Lobelia Dortmanna. L.

" *cardinalis*, L.

Anaseris pusilla, Gaertn.

Sideris cernua, L.

Salix ~~cap.~~ *puberula*, Nutt.

" *Canadensis*, L.

" *repens*, v. *linoides*.

Aster nemoralis.

" *acuminatus*

" *paniculatus*, L.

" *Novi Belgii* L.

Viburnum dentatum L.

" *lentiginosum*, Mx.

Galium trifidum v. *pusillum*, Gray.

Hydrocotyle Americana L.

Sium cicutifolium, Gmelin.

Epilobium ciliatum, Muhl.

Decodon verticillatus, Ell.

Myriophyllum verticillatum L. ? (fide Morton)

Cellitriche acuta L.

Proserpinaca palustris, L.

Hamelis Virginiana, L.

Drosera intermedia, v. *Americana* DC.

" *rotundifolia*, L.

Chrysosplenium Americanum.

Ribes nigrum floridum.

- Rosa lucida* Ehrh.
 " *nitida*, Willd.
 " *humilis*, Marsh (?)
Pyrus Lambucifolia, Cham & Schl.
 " *arbutifolia*, Lf.
Prunus serotina.
Crataegus coccinea.
Amelanchier Canadensis.
Lathyrus palustris L.
Ilex verticillata.
Nemophanes fasciculatus.
Lilia Europaea L.
Malva alcea. L.
Hypericum Canadense.
 " " *v. majus*.
Elatine Americana.
Buda borealis, Wats.
 " *marina*, Dum.
Viola pinnatifolia L.
 " *blanda*. V. *palustriformis*.
Scilla minor. V. *intermedia*.
Lepidium Virginicum.
Cardamine hirsuta.
Gymnophaca odorata.
Brasenia peltata.
Ranunculus repens.

Plants from J. Franklin Collins, Providence, R.I.

Jan. 14, 1892.

1. *Aster caesescens*, Pursh, v. *viridis*, Gray. (Colorado)
2. *Leucostema affinis*, Griseb. "
3. *Euphorbia Presliei*, Guss.
4. *Atriplex patulum*, v. *hastatum*, Gray.
5. *Stachys annua*, L.
7. *Physalis Philadelphica*, Lam.
6. *Mentha Canadensis*, v. *glabrata*, Benth.?
8. *Coreopsis cordaminifolia*, Tob.
9. *Juncus Primus*, L.
10. *Acalypha Virginica*, L., v. *gracilis*, Muell.
11. *Polygonum acre*, A.B.K.
12. " *aviculare*, L.
13. " *rauosissimum*, Mx.
14. *Chenopodium murale*, L.
15. *Spinacea oleracea*, L.
16. *Amarantus ~~hypochaeris~~ stachys*, Willd. v. *hybridus*, Watson.
17. " *blitoides*, Watson.
18. *Lycium americanum*
19. "
20. "
21. *Chenopodium album*, L.
22. *Rosa lucida*, Ehrh.
23. *Leechea minor*, L., v. *maritima*, Watson.

Jan. 27 to Feb. 21, 1893.
 Plants coll. in N. Morocco Spring of 1889
 by Talcott Williams.

Hedera Helix, L.

Dupleum protractum, Link.

Scandix (Cicuta) Veneris, L. (293)

Truncatella sp. - (181)

Daucus muricatus, L.

Bryonia dioica, Jacq. (115)

Lithrum pycnanthum, L. (100, 229)

Crucifera oxyacantha, L. (6)

Poterium Sanguisorba, L.

" *Magnolia*, Spach.

Rosa sempervirens, L.

Anthyllis tetraphylla, L. (66)

" *vinetaria*, L.

Ononis Natix, L. (265, 1853)

Lathyrus Ochrus, L. (96)

Lupinus angustifolius, L. (264)

" *stellatus*, L.

Vicia sativa, L. (176)

Medicago denticulata, Willd.

Lotus creticus, L. (22)

Scorpiurus sulcata, L. (82, 67)

Linum catharticum, L.

Trifolium hybridum, L. ?

" *pratense*, L.

- Adyrum capitatum*, Dref. (65)
Cytisus triflorus, L'Her.
Pistacia lentiscus, L. (8, 107).
Vitis vinifera, L.
Geranium rotundifolium (287)
Opalis cernua, Themb. (7)
Linum angustifolium, Huds.
Malva sylvestris, L.
Malope malacoides, L.
Lavatera trimestris, L. (178)
Hypericum perforatum, L. (157, 247.)
Silene Gallica, L. (87)
 " *cinerea*, Dref. (191)
Spergula arvensis, L. (121)
Spergularia media, Pers. (23)
Stellaria media, L.
Lychnis Coeli Rosa, L. (310)
Silene niflata, L. (102)
Polygala micaensis, R. & H.
Helianthemum halimifolium, L. (234)
 " *guttatum*, L. (240)
 " *plutinosum*, Pers.
Cistus ladaniferus, L. (42)
 " *populifolius*, L. (42!!)
 " *salviaefolius*, L. (8)
 " *albidus*, L. (144)
 " *moupinensis*, L. (77)
Leseda arba, L.
 " *luteola*, L. ?

- Biscutella apulla*, L. (241, 53,
Alyssum maritimum, Lam.
Marcolunia litorea, R.Br. (223)
Capsella Bursa-pastoris.
Fumaria capnolota, L.
Capraei hybridum L. (302, 195)
 " *Tauricolum*, Boiss (183)
Ranunculus trilobus, Drosf.
 " *Chaerophyllus*, L. (11)
 " *acris*, L. (77)
 " *aquaticus*, L. (114)
Anemone palmata, L.
Ranunculus muricatus, L. (187)
Nigella Hispanica, L. v. *intermedia*, Cosq. (284)
 " *Damascena*, L. (263)
Cotyledon Hispanica, L.
 " " var. *Salzmanni*, Ball. (238)
Sedum hispidum, Drosf.
Cotyledon Umbilicus, Sm.
 " *horizontalis*, Lues.
Plantago Psyllium, L. (306)
 " *macrocarpa*, Boiss. (12)
Lavandula Stoechas, L. (236) (62)
Thymus villosus, L. (200)
 " *monospermus*, B&K. (303)
Salvia bicolor, L. (254)
Orobancha pruinosa, Lagr.
Bartsia viscosa, L. (160)

- Anarrhinum pedatum*. Desf. (294)
Linaria ventricosa, Cass? (183)
Antirrhinum majus. L. (80)
 " *montium*, L. v. *grandiflora*. Chaer. (78)
Triguera ambrosiaca, Chaer.
Calystegia sepium. L. (232)(233) 237
Cochloselinus althaeoides. R.
 " *tricolor*, R. (234)
Cuscuta planiflora. Ten. (247)
Echium angustifolium, Lam. (232)
Eryngium pictum. Ait. (231)
Serimthe major, Lam. (192)
Ruchusa undulata, R.? (51)
Chioa perforata, L. v. *mascariensis*, Desf. (182)
Erythraea Centaurium. L. (285)(200)
Vinca media, Lk.
Nerium Oleander, L. (221)
Anafalis avarensis, var. *latifolia*. Ege.
 " *collina*, Sch. (62)
 " *avarensis* L. (205)(45)
Armeria mauritanica, Wahl. (202)(111)
Statice Thouini, Viv. (272)
 " *sinnata*. L. (275)
Calluna vulgaris L. (21)
Erica umbellata. L. (235)
 " *australis*. L. (12)
 " *arbores*. L.
Campamula Laeflingii, Brot. (295)

- Iasion cornuta*, Gall. (237)
Antennaria punctata, Vahl. (150)
Chrysanthemum coronarium L. (274)
Catananche lutea L. (307)
Buphthalmum aureum, Salzm. (196)
Odontospermum aquaticum L.
Gardus myriacanthus, Salzm. (275)
Galactia tomentosa, Mch.
Leontodon tuberosus, L. (103)
Urospermum Dalechampii, L. (108)
Tolpis barbata, Gaertn. (218)
Centaurea pullata L. (174) (19)
Bellis annua, L. (140)
Chrysanthemum segetum L.
Eichorium Indybus, L. (266)
Scabiosa stellata L. (283)
 " *maritima* L. (204) (238)
Fedia cornucopiae, L. (47) (193)
Centaurea Calcitrapa L. (104)
Galium Saecnanatum All.
Lonicera etrusca, Santi. (65)
Oleis aquilina (118)
Polypodium vulgare, L. (113)
Adiantum Capillis-veneni (99, 55, 248)
Silene tenuis, Duf. (240)
Thymus macrostachys, Duf. (253)
 " *rubens* L. (251)
 " *tectorum* L.

- Asplenium adiantum nigrum*, L. (13. 153)
Sesajuncella hirsuticollata, Jfr. (46)
Cynosurus aureus L. (280) (170)
Lagurus ovatus, L. (228)
Stipa aristella L. (2)
Avena barbata, Desf. (245)
Aegilops ovata, L. (252)
Lolium perenne, L. (250)
Melica minuta, L. (203)
Ammophila arenaria L. (226)
Trisetum panicum, Lam. (221) (257)
Festuca arundinacea Schreb. (111)
Cynosurus echinatus, L. (219)
Pleochorus falustris.
Chaenactis humilis, L. (62)
Oenantholium arabicum, L. (98)
 " *carbouense*, L.
Apocynum monspeliensis, L. (64)
Allium nigrum, L. (97)
Asphodelus cerasiferus, J. Gay. (15)
Allium triquetrum, L.
Gladiolus segetum Garb. (215)
Orchis latifolia, L. (213)
Juncus humilis, Lam. (309)
Urtica pilulifera, L.
Aristolochia longa, L. (212)
Rumex thyrsoides, Desf. (254)
 " *bicephalophorus*, L. (23. 27.)
Polygonum maritimum, L.
Chenopodium murale, L.
Pentstemon argentea, Lam.

C. J. Piper. Seattle, Wash.

Determined Feb. 23, 1893.

242. *Sidalcea Gregana*, Gray.
 723. " *glaucescens*, Greene.
 1132. *Mniophyllum spicatum*, L.
 676. *Anaphalis margaritacea*, B. & H. (usually rust)
 1130. *Epilobium halleanum*, Tauss. (fide Fulecar)
 990. *Carex Sitchensis*, Prescott.
 991. " *riparia*, Sw. & W.
 1005. " *cryptocarpa*, C. A. Meyer.
 1099. *Fisetum cernuum*, Fin.
 1137. *Festuca tenella*, Willd.

B. F. Bush.

Missouri,

Feb 23 to March 1, 1893.

1. *Smilax scirrhata*, Watson.
2. *Urtica frondiflora*, Smith.
3. *Rosa humilis*, Marsh.
4. *Lespedeza violacea*, Pursh.
5. " *reticulata*, Pursh.
6. *Gerardia tenuifolia* Vahl, var. *asperula* G.
7. *Oxybaphus nyctagineus*.
8. *Lespedeza reticulata* Pursh.
9. *Erysimum cheiranthoides*.
10. *Hypericum perforatum*.

11. *Rosa humilis*, Marsh.
12. *Polonisia fraveolens*.
13. *Lepidium ruderale*.
14. *Oenothera biennis* L.
15. *Lepidium intermedium*
16. *Erysimum* (putaps *pauiflorum*) *young!*
17. *Lepidium ruderale*.
18. *Smilax ecirrhata*, Wats.
19. *Rosa blanda*, Ait.
20. *Rhynchosia latifolia*, Nutt.
21. " "
22. " "
23. " "
24. " "
25. " "
26. " "
27. " "
28. *Acacia filicina*, Willd.
29. *Bidens frondosa*, L. pubescent.
30. *Umelanthera Canadensis*.
31. *Bidens comata*, var. *comosa*, Gray.
32. *Galactia filosa*, L.
33. " "
34. *Bidens cernua*.
35. *Aster vinciguus*, Lam.
36. *Bidens comata*.
37. *Oxybaphus nyctagineus*.
38. " *albidus*, Sweet.

39. *Rosa humilis*, Maudsl.
 40. *Lilium Superbum* (possibly v. *Carolinianum*)
 41. *Oenothera biennis* L.
 42. *Spiranthes praecox*, Watson.
 43. *Corallorhiza innata*.
 44. *Lespedeza violacea*.
 45. *Utricularia grandiflora*, Smith
 46. *Lepidium intermedium*.
 47. *Lespedeza reticulata*, Pers.
 48. *Oxybaphus albidus*, Sweet
 49. *Bidens comata*, near var. *comosa*.
 50. *Erythraea venusta*!
 51. *Eriogonum primatifida*.
 52. { *Desmodium pauciflorum* DC.
 53. " *cuspidatum*, Torr.
 54.
 55.

H. V. Pottaxon, Iquawka Ill. Mar. 2, 1893.
 Colo. Plants not in regular Set.

- A. *Phaseolus Virginiana*, Mill.
- B. *Nasturtium Sinuatum*, Nutt.
- C. *Oenothera coronopifolia*, Torr. & Gray.
- D. *Ranunculus affinis*, R. Br.
- E. *Antennaria Rudoviciana*, Nutt.
- F. *Chenopodium olidum*, Watson.
- G. *Senecio vulgaris*, L.
- H. *Sagina nivalis*, Lindl.
- I. *Acerata auriculata*, Presm.
- J. *Stellaria longipes*, Goldie.
- K. *Astragalus Shortianus*, Nutt.
- L. *Arenaria biflora*, Watson.
- M. *Rosa Sayi*, Schorr.
- N. *Rosa Engelmannii*, Watson.

C. F. Wheeler, Agricultural College, Mich.
 March 3, 1893.

- 1. *Aster puniceus*, near var. *laevicaulis*.
- 2. " *pauciflorus* Wux. Willd.
- 3. " *longifolius* Lam.
- 4. " *Ludleyanus* F. & G.
- 5. " *puniceus* var. *laevicaulis* Gray.
- 6. " *pauciflorus*, Willd.

Plants from State College Herb., Pullman,
Wash. Sent by C. V. Piper.

Det. from Mar 20, to Apr. 7.

400. *Aconitum columbianum*, Nutt. (fls. yellowish)
 401. *Delphinium simplex*, Dougl.
 402. " *scopulorum*, Gray.
 404. *Thalictrum venulosum*, Trelease.
 411. *Ranunculus occidentalis*, Nutt., var. *tenellus*, Gray.
 414. " *septentrionalis*, Poir.
 426. *Claytonia sibirica*, L.
 428 (Union Flat) *Sidalcea campestris*, Greene.
 428 (Pullman) " *Oregana*, Gray.
 436. *Trifolium altissimum*, Dougl.
 438. " *repens*, L.
 439. *Mentzelia laevicaulis*, D. & G.
 442. *Jeddo stenopetalum*, Pursh.
 444. *Ceanothus sanguineus*, Pursh.
 453. *Impatiens fulva*, Nutt.
 454. *Downingia elegans*, Torr.
 455. *Dodocatheon Drummondii*, Wats.
 457. " *Jeffreyi*.
 458. *Ribes lacustre*, Poir., (fragmentary)
 459. " *oxyacanthoides*, L.
 460. " *aureum*
 471. *Arabis acunata*, Gray.
 476. *Rasturtium curvisiliqua*, Nutt.
 477. " *officinale*, R. Br.
 479. *Lepidium virginicum*, L.

480. *Stellaria media*, Smith.
 82. *Accuraria congesta*, var. *subcongesta*, Watson.
 83. " *latiflora*, L.
 98. *Fragaria vesca*, L.
 500. *Rubus leucodermis*, Dougl.
 501. " *occidentalis*.
 104. *Crataegus Douglasii*, Lindl.
 105. " *coccinea*, L.
 109. *Spiraea heterophylla*, var. *conspiculosa*.
 16. *Geranium strictum*, Ait.
 524. *Gayophytum diffusum*, Tuck.
 25. *Epilobium juncundum*, Gray.
 27. " *adenocaulon*, Haussk.
 29. " *luteum*, Pursh.
 535. *Penstemon millefolium*, Watson. (or near it)
 39. *Valerianella acornola*.
 40. *Valeriana Fitchensis*.
 42. *Symphoricarpos occidentalis*.
 552. *Gentiana affinis*, Fisch.
 577. *Pedicularis ornithogyncha*, Benth.
 85. *Gilia liniflora*, Benth., var. *pharmacoides*, Gray.
 87. " *linearis*.
 90. " *floccosa*, Gray.
 94. *Phlox linearifolia*, Pursh.
 99. *Stachys palustris*, L.
 603. *Mentha Canadensis*, L.
 607. *Iris Missouriensis*, Nutt.
 614. *Potamogeton heterophyllus*, Schreb.

6. 8. *Calochortus nitidus*, Dougl.
 ! 19. *Allium acuminatum*, Hook., var. *cuspidatum*, Few. n. sp.
 20. " *cernuum*, Roth.
 ! 24. " *Hendersonii*, Rob. & Sea, n. sp.
 28. *Triglochin* (so young that I dare not say what.)
 3. *Juniperus occidentalis*, Hook.
 43. *Polygonum polygaloides*, Meisn.
 54. } *Witica holosericea*, Nutt.
 " *Lyallii*, Wats.
 63. *Astragalus lentiginosus*, Dougl.?! (Fragmentary)
 64. *Psoralea lanceolata*, Pursh.
 65. *Astragalus Purshii*, Dougl.
 "Oxytropis" from Hawawai - is *Astragalus inflexus*, Dougl.
 67. *Astragalus Mortonii*, Nutt.
 68. " *conjunctus*, Wats.
 70. *Gilia minutiflora*, Benth.
 83. probably a *Godetia*.
 84. *Ammanium humilis*, Ny.
 85. *Lesinachia thyrsiflora*, L.
 86. *Pentstemon Menziesii*, Hook.
 90. *Stephanomeria paniculata*, Nutt.
 91. &c. *Aster canescens*, Pursh.
 93. " *Euglenianus*, Gray.
 95 &c. *Eigeron filifolius*, Nutt.
 702. *Orthocarpus hispidus*, Benth.
 03. " " "
 05. *Monardella odoratissima*, Benth.
 06. *Laucais microcarpa*, H. & A.

- 7/10. *Pentstemon triphyllus*, Dougl.
 11. " *venustus*, Dougl.
 12. " *ovatus*, Dougl.
 13. " *deustus*, Dougl.
 15. *Astrucisia Ludoviciana*, Nutt.
 16. *Microseris nutans*, Gray.
 20. *Aster campestris*, Nutt.
 24. *Madia dissitiflora*, Torr. & Gray.
 24. *Astrucisia Ludoviciana*, Nutt.
 25. " " "
 27. *Troximon laciniatum*, Gray. (?) (Too young)
 29. *Saillardia aristata*, Pursh.
 30. *Krynitzkia Californica* (apparently)
 32. *Bigelovia Douglasii*, var. *laucolata*, Gray.
 33. " *parvulus*, var. *glabrata*, Gray.
 35. *Arnica alpina*, Olin.
 44. *Epilobium adenocaulon*, Haussk.
 57. *Helianthella Douglasii*, Torr. & Gr.
 53. *Grindelia nana*, Nutt., var. *discoidea*.
 55. *Lupinus leucophyllus*, Dougl.
 56. " *sericeus*, Pursh.
 57. " " "
 58. *Lathyrus palustris*, L.
 94. *Solidago Missouriensis*, Nutt.
 802. *Eriophyllum caespitosum*, var. *integripolium*, Gray.
 10. *Lathyrus maritimus*, Bigelorr.
 11. *Calochortus elephas*, Pursh., var. *nanus*, Wood.
 12. *Stephanomeria* ~~perma~~ ^{meria} *virgata*, Benth.

813. *Aster galiaceus*, var. *pubescens*, Gray.
 14. " " " *Eatonii*, Gray.
 15. " *campestris*, Nutt.
 16. " " "
 17. *Eriogon filifolius*, Nutt.
 18. *Solidago elongata*, Nutt.

F. L. Stephens. New Brunswick, N. J.

April 19, 93.

Physalis lanceolata, Mx.

April 13 - 1893.

Plants from Mrs. Susan Tucker,
 Cherry, Spokane Co., Wash.

1. *Geranium Carolinianum*. L.
2. *"* *viciifolium* Dougl.
- 3a. *Pentstemon confertus*, Dougl.
- 3b. *"* *flabellifolius*, Pursh.
- 3b. *"* *Richardsonii*, Dougl.
4. & 4a. *Potentilla pacifica*, var. *rigida*, Watson.
5. *Potentilla arguta*, Pursh.
6. *Geum strictum*, Ait.
7. *Potentilla anserina*.
8. *Potentilla pacifica*, Dougl., var. *flabellifolia*.
9. *Arnica alpina*, Oliv.
10. *Wyethia amplexicaulis*, Nutt.
11. *Erigeron concinnus*, Torr. & Gray.
12. *"* *chrysopsides*.
13. & 13a. *Erigeron compositus*, Nutt.
14. *Bigelovia graveolens*, Gray.
15. *Lupinus sericeus*, Pursh.
16. *Lupinus polyphyllus*, Lindl.
17. *"* *leucophyllus*.
18. *Astragalus* — ? (too young!)
19. *Oxytropis Lambertii* Pursh. ⁽²⁾ (too young!)
20. *Astragalus Mortonii*, Nutt.
21. *Hedysarum decumbens*.
22. *Astragalus lentiginosus*, Dougl.
23. *Vicia Americana*, Muhl.
- 24.

- 25.
- 26.
27. *Polemonium caeruleum*, L.
28. *Eriogonum compositum*, Dougl.
29. *Eriogonum umbellatum*.
30. " *niveum*, Dougl.
31. " *sphaerocephalum*, Dougl.
32. *Clarkia pulchella*.
33. *Phacelia Menziesii*, Torr.
34. *Mimulus luteus*,
35. *Mimulus naschatus*,
36. *Gentiana Oregona*,
37. " *affinis*, Griseb.
38. *Scutellaria galeniculata*, L.
39. *Chaenactis Douglasii*, Hook. & Arn.
40. *Gaillardia pulchella*, Foug.
41. *Ranunculus glaberrimus*, Hook.
42. " *Flammula*, var. *intermedius*, Gray.
43. " *septentrionalis*, Poir.
44. *Delphinium Menziesii*, DC.
45. " *distichum*, Gray.
46. *Clematis ligusticifolia*.
47. *Phlox linearifolia*, Gray.
48. *Collomia grandiflora*.
49. *Tellima pauciflora*.
50. *Trionica scutellata*, L.
51. *Trionica Americana*, Schm.
52. *Collinsia pauciflora*.

53. *Hypericum Scouleri*, Hook.
54. *Philadelphus Gordonianus*.
55. *Laiochortus macrocarpus*, Dougl.
56. *Fritillaria pudica*.
57. *Castilleja miniata*, Dougl.
58. " *pallida*, Nutt.
59. *Silene Spauldingii*, Wats.
60. *Audubertia incana*, Benth.
61. *Monardella odoratissima*, Benth.
62. *Arenaria congesta*, var. *subcongesta*, Wats.
63. *Sphaeralcea mammosa*, Spach.
64. *Prunus demissa*, Walp.
65. *Polemonium pectinatum*, Greene.
66. *Aphyllon uniflorum*.
67. " *fasciculatum*.
68. *Arenaria latriflora* L.
69. *Stellaria longipes*, Goldie.
70. *Heuchera cylindrica*, Dougl.
71. *Nasturtium curvisiliqua*, Nutt.
72. *Sedum Douglasii*, Hook.
73. *Dodecatheon Drummondii*, Watson.
74. *Lewisia rediviva*.
75. *Claytonia Clamissonis*, Esch.
76. *Hesperochiron Californicus*, Wats.
77. *Brodiaea Douglasii*,
78. *Mertensia oblongifolia*.
79. *Sisyrinchium grandiflorum*, Dougl.
- 80.

May 23, 1893.

Plants from Marcus E. Jones, Salt Lake City.

- "Oenothera blunsoni?" = O. brachycarpa, Gray.
 "Eriogonum ^{opuntia} pseudosacum, Nutt?" = E. pseudosacum, Nutt.
 "Pentstemon latiseptatus, Torr" = P. albidus, Nutt.
 " " dolius Jones" = P. miser, Gray.
 " " Parryi, R. var. imberbis" = P. acuminatus, Dougl.
 "Xanthoxia floribunda Jones n. sp." = X. pinnata, Gray.
 "Phacelia salina Jones n. sp." = P. Parryi, Gray.
 " " demissa?" = P. demissa.
Eummevauthe foliosa Jones n. sp., is probably a good species near pusilla, with corolla relatively longer, capsules & seeds larger, inflorescence not so slender and elongated.
Phacelia pinetorum, Jones, near micrantha, but
 "A" from Willow calyx fruit different.
 "A Willow Spring" = Downingia pulchella, Torr.
Townsendia Watsoni, Gray
Eriogon Eatonii, Gray.
 "Bigelovia depressa Gray?" = B. depressa, Gray.
Eriogon leucomus,
 "Eriogon leucomus n. sp." = E. Nevadaensis, var. pygmaeus
 " " Nevadaensis?" = E. caespitosus, Nutt.
 " " caespitosus, Nutt" = E. tener, Gray.
 "Aster venustus Jones type" = A. Wrightii, Gray.
 "Townsendia scapigera?" = T. florifer.
 "Cymopterus Parryi Jones" = Celopectera Parryi, C. R.

- "*Cymopterus Newberryi* (Wat) Jones" = Coloptera
 "Potentilla dissecta, var. linearis n. var." = P. dis., var. multisecki.
Luesia Kingii, Wats.
Luesia " var. sericea, n. var. is a fair var.
 "Astragalus Chamaeleuce var. brachycarpus Jones" =
A. Shortianus, var. brachylobus, Gray.
 " " " = A. glaucus, Dougl.
 " " Thompsonia Wat? " is a plant approaching
Ericaceae & Purshii, but pods not so volly. & c.
 " " Joannes Jones n. sp. " seems a good species.
 " " desperatus, Jones " " " "
 The unnamed plant from Mescal Mts, is Dodonaea viscosa.
 "Thelypodium elephas, Jones n. sp." may be a good species,
 but is near sagittatum!
 "*Cymopterus Itapensis* Jones type"
 "*Eremocrinum albomarginatum* Jones" is a good
 new species belonging to the genus Anthericum.

May 29. 1893.

For Prof. Trelase.

Aster ericaefolius, var. kniss Gr. from Colo.

Plants from Miss Loring.

June 10, '93.

- 116. *Solidago nemoralis*.
- 117. *Erigeron polycephalus*.
- 118. *Solidago nemoralis*.
- 119. " "
- 120. *Hieracium scabrum*.
- 114. *Solidago rufosa*.
- 115. *Rhus copallina*.
- 107. *Minulus inermis*.
- 108. *Asplenium rotundifolium*.
- 109. *Mentha Canadensis*.
- 106. *Eupatorium perfoliatum*. L.
- 91. *Viburnum dentatum*.
- 136. *Aster diffusus*.
- 128. " *cordifolius*.
- 98. *Verbena hastata*.
- 98½. *Circaea lutetiana*.
- 99. *Achillea Millefolium*.
- 100. *Raphanus Raphanistrum*.
- 101. *Silene Armeria*.
- 102. *Carex monile*.
- 103. *Aster Novi Belgii*.
- 104. *Eriophorum Cyperinum*.
- 105. *Rhus typhina*.
- 129. *Aster linariifolius*.
- 130. *Smilacina racemosa*.
- 123. *Anaphalis arvensis*.
- 124. *Labelia inflata*.

- 129½ *Vicia Cracca*.
 121. *Neuroanthus fascicularis*.
 122. *Solidago laucolata*.
 126. *Solidago sempervirens*.
 127. *Lycopodium complanatum*.
 128. *Aster dumosus*.
 71. *Juncus effusus*.
 72. *Lysimachia stricta*.
 73. *Viburnum cassinoides*.
 75. *Polygonum aphiofoliosoides*.
 76. *Eriophorum gracile*.
 77. *Melampyrum Americanum*.
 78. *Sanista tinctoria*.
 79. *Aralia hispida*.
 110. *Cypripedium pubescens*.
 111. " *acaule*.
 112. *Gerardia purpurea*, var. *laevigata*.
 113. *Goodyera pubescens*.
 137. *Aster acuminatus*.
 85. *Nasturtium Annonacia*.
 86. *Lysimachia quadrifolia*.
 82. *Cypripedium acaule*.
 83. *Erigeron bellidifolius*.
 88½. *Maianthemum Canadense*.
 84. *Patentilla Canadensis*.
 84½. *Patentilla Norvegica*.
 31. *Solidago caesia*.
 32. *Chelone glabra*.

33. Aster Novi-Belgii
 34. ' Cuscutaceae.
 35. ' Rock-Belgii.

Miss Furbish. Sept 25, 1893.
Pieris eschiioides, L.

A.C. Warner. Sept. 22 to 26, 1893.

- 145 *Arabis confinis*. Watson (a frequent form)
 16 apparently *Arabis confinis*, Wats.
 16½ *Arabis confinis* Wats.
 86 Apparently " " "
 17 *Arabis hirsuta* Scop.
 92 *Corcopsis senifolia* Mx
 123 *Senecio vulgaris* L. This has the heads
 of " " Though slightly
 pubescent. *S. viscosus* has decidedly
 larger heads and is densely glandular.
 125 & 126 *Helianthus giganteus*, L.
 127 *Androsace fulgida*, Ait.
 128 " *speciosa*, Wend.
 121 *Lactuca pulchella*, DC.
 90 *Centauarea nigra*, L.
 91 " *gacca*, L.
 122 *Hieracium Gronovii*, L.
 131 I should prefer to call this *H. Gronovii*
 Though slightly glandular above

- 133 *Senecio annuus*, var. *obovatus*
 134 " " " "
 135 " " " "
 136 " " " "
 137 " " " "
 138 " " " "
 139 *Samolus valerandi*, var. *Americanus*,
 140 " " " "
 141 *Physalis pubescens*, L.
 142 *Laguna apetala*, L. (Took the liberty of passing a list
 for locality.
 143 *Lonicera Sullivanii*, Gray.
 93 Dr. Gray has marked a similar specimen
hirsuta, approaching *glauca*
 96½ *Lonicera hirsuta*, Eaton.
 96 " " " "
 97 " *Sullivanii*, Gray
 94 { " *hirsuta*, Eaton
 & *oblongifolia*, Muhl.
 95 " *glauca*, Hill.
 120 " " "
 119 " " "
 118 " " "
 99 *Labelia leptostachys*, A.C.
 98 " *spicata*, Lam.
 100 " " "
 101 " *leptostachys*, A.C.
 117 *Mentha aquatica*, L. As you will
 notice in *Lyn. Fl.* Dr. Gray. marks

- Citrata only a synonym of this
 115 *Pycnanthemum muticum*, Pers
 var. *pidosumum*.
 116 " *muticum*, Pers.
 85 *Ribes nigrum*, L.
 54 *Amelanchier Canadensis* T. & G.
 toward var. *rotundifolia*, T. & G.
 55 " *Canadensis*, T. & G.
 58 " " var(?) *oblongifolia*
 (a large leaved form)
 63 *Pyrus arbutifolia*, L.
 64 " "
 67 " " var. *melanocarpa*.
 These seem to be determined rightly as regards
 the leaves, but the fruit as you say is
 variable. The species needs careful study.
 83 *Crataegus coccinea*, var. *macracantha*
 79 " "
 80 " "
 84 " *punctata*, Jacq, frequent form
 82 " *coccinea*, var. *molle*
 88 " " " "
 81 " *tomentosa*, L.
 86½ " " "
 80½ As a guess I should say, *C. punctata*.
 89 *Diarrhena biennis*, I think this is by all
 means our most polymorphic species.
 87 *Lycchnis coronaria*, Desr

- 110 *Acinda tuberculata*
 111 " "
 112 " "
 102 *Chenopodium murale*, L.
 103 " *album*, var. *viride*, Moq.
 104 " *glaucum*, L.

Plants from California Academy
 verified and reduced Sept. 27 to Oct 5, 1893.
 (Utah + Colorado)

- Claytonia parviflora*, Dougl. (no label)
Madia valida, Brandg.
Lupinus pallidus, Brandg.
Astragalus Netherilli, Jones. (n.sp.)
 " *parvus*, Jones. (n.sp.)
 " *cicadae*, Jones. (n.sp.)
 " *asclepiadoides*, Jones. (n.sp.)
 " *desperatus*, Jones. (n.sp.)
Eriogonum glandulosum, Nutt.
 " *microthecum*, Nutt., var. *rigidum*, Eastwood (n.s.)
Grayia Beaudegui, Gray.
Attipler conjugata, Watson.
Eucelia nutans, Eastwood (n.sp.)
Thelypodium aureum, Eastwood " (n.sp.?)

We have the same thing apparently (Watson
 108 of the Clarence King Expl.), which Dr. Gray
 considered sagittatum, though differing from

our other specimens in the broader leaves.
Arabis pulchra, Jones.

Berberis Fremonti, Torr.

Pedicularis centranthera, Gray.

"*Penstemon Moffatii*, Eastwood" (n. sp.) is, as suggested, probably a form of *albidus*, Mth.
 There is a specimen called " " by Dr. Gray which has the anthers oblong, & the sterile filament longbearded.

! "*Penstemon Utahensis*, Eastwood (n. sp.)

Oenothera alyssoides, Hook & Arn., var. *minutiflora*, Wats.

" *triloba*, Mth., var. (?) *parviflora* Watson.

" " *cardiophylla*, Torr" from Moab, S. E. Utah, is *Oe. brevipes* Gr., var. *parviflora*, Wats.

"*Oenothera cardiophylla*, Torr" from Grand Junction, Colo is *Oe. scapoidea*, Mth.

There are two forms of *Oenothera scapoidea* from Grand Junction. The smaller flowered one is *scapoidea*, the larger flowered one var. *purpureascens*.

"*Aster venustus*, Jones" is *A. Wrightii*, Gray.

Gilia pungens, Benth.

"*Gilia superba*, Eastwood" (n. sp.) is *G. subnuda*, Torr.

Compared with ^{the} type. We have a specimen collected in Utah by A. L. Simon, 1883.

Forestiera Neo-Mexicana, Gray.

Asclepias cryptoceras Watson.

Asclepiadora decumbens, Gray.

Asclepias involucrata, Engelm., var. *tomentosa*, Eastwood.

Polioanthes incana, Gray.

Mentzelia albicaulis, Dougl., var. *integrifolia*, Eastw.

"*Eremocrinum albomarginatum*, Jones." is probably
a new species of *Antithicum*. Not a new genus!

Malvastrum leptophyllum, Gray.

Caesalpinia repens, Eastwood. (n.s.p.)

Trifolium Brandegei, Watson.

Phacelia splendens, Eastwood. (n.s.p.)

"*Phacelia medicandis* Eastwood" (n.s.p.) is identical
with Dr. Gray's *P. tenuis*. Have it from Jones.

Aquilegia scalcarata, Eastwood.

From N.A. Stokes. Oct. 7, 1893.

Tagetes tenuifolia, Cav.

For Mr. Cameron. " "

Cannus stolonifera.

" *paniculata*.

Rhus copallina.

Viburnum dentatum

Vermont plants from A. J. Gunt. Oct. 7, 1893.

Scirpus caespitosus, L.

Vaccinium corymbosum, var. *fallidum*.

Equisetum —

H. L. Clark Phila. Oct. 9, 1893.

Calamintha Nuttallii Bth. from Chicago

For Mr. Peabody.

Sept. Oct. 13, 1893.

Ocimum Basilicum, L. (Sweet Basil)

Barbago officinalis, L. (Borage)

Thymus serpyllum, L. (Thyme)

Pucedanum graveolens (Dill)

Pimpinella Anisum, (Anise)

For G. S. Miller, jr. Oct. 14.

Cuscuta tenuiflora, Eng.

For A. Davidson, Los Angeles, Oct. 17.

Gilia inconspicua, Dougl.

Oct. 20 - Nov 1.

Plants from J. H. Horsford.

(1) Collected in Cascade Mts. by Mrs. R. M. Austin

1. *Polemonium carneum*, Gray.
2. *Calochortus* ——— insufficient.
3. *Oenothera trichocalyx*, Nutt.
4. *Vancouveria hexandra*, Torr. & Dec.
- 5.
6. *Allium acuminatum*, Hook.
7. *Brodiaea grandiflora*, Smith.
8. *Pachystima myrsinites*, Raf.
9. *Gutierrezia incisa*, Nutt.
10. *Heuchera cylindrica*, Dougl., var. *alpina*, Wats.
11. *Lupinus sericeus*, Pursh.
12. *Malvaceae* —
- 13.
14. *Silene campanulata*, Wats., var. *Frederici*, Wats.

15. *Galachortus lilacinus*, Kell.
16. *Lonicera ciliosa*, Dougl.
17. *Allium attenuifolium*, Kell.
18. *Anemone Oregana*, Gray.
19. *Hastingsia alba*, Watson.
20. *Erythronium Hendersoni*, Watson.
21. *Allium Nevii*, Watson.
22. *Grodiaea minor*, Watson.
23. *Iris Hartwegi*, Baker.
24. *Pentstemon heterophyllus*, Rindl.
25. *Pentstemon confertus*, Dougl.
26. *Cypripedium montanum*
27. *Meibomia paniculata*, Don.
28. *Meibomia Sibirica*, Don.
29. *Cisofolium ovalifolium*, Nutt., var. *prolificum*, Watson.
30. *Meibomia alpina*, Don.
31. *Phlox Douglasii*, Hook.
32. *Dodecatheon affreyi*, var. *alpinum*.
Lilium Rossianum, Kell.

(2) Collected by J. P. Ring

1. { *Oxalis digynus*, Bth.
Allium paniculatum, Link & Otto.
2. *Oxalis decaphylla*, (short leaved form)
3. *Oxalis Gussonei*, Turcz. ex. Chav.
- 4.
5. *Oxalis Hernandezii*, D. C.
6. { *Remastylis flava*, Rob. n. n.
Allium longirostrum, Spreng.
7. *Allium pauciflorum*, Link & Otto.
- 8.

9. *Solanum tiliaceum*, L.
 10. *Solanum Mexicana*, Gray.
 11. *Solanum Mexicana*, Gray.
 12. *Solanum Mexicana*, Gray.
Cosmos bipinnatus, Cav.

Oct. 31, 1893.

In J. R. Hawley, Orono, Me.

Eriogonum fasciculatum, Bth.

Oleumagne rotata.

Gentiana prostrata.

Nov. 2, 1893.

A. J. Grant, Johnson, Vt.

Scirpus lacustris.

Cicuta maculata.

Myriophyllum scaberrimum.

Rhynchospora alba.

Lycopodium Selago.

Muhlenbergia glauca.

Scutellaria latifolia, pubescens.

Aster laevis, L.

" *salicifolius*, Ait.

Nov. 3-6 11, 1878.

From John Rolf, Canton, Ill.

1. *Carex* - apparently *staminea*, Willd.
2. *Carex stricta*, Lam., var. *decora*, Bailey.
3. *Carex stricta*, Lam., injured by insects.
4. *Carex stricta*, Lam., var. *angustata*, Bailey.
5. *Carex stricta*, Lam.
- 6.
7. *Carex stricta*, Lam., approaching var. *decora*.
8. *Carex staminea*, Willd.
9. *Carex stricta*, Lam., injured by insects.
10. *Carex stricta*, Lam., var. *angustata*, Bailey.
11. *Muhlenbergia Willdenovii*, Trin. Large diffuse form.
12. *Muhlenbergia* - a puzzling form between *Mexicana* & *Sylvatica*.
13. *Aster cnicoides*, L., var. *villosus*, Vahl.
14. *Aster diffusus*, Ait., var. *thyrsoides*, Gray.
15. *Aster diffusus*, var. *bifrons*, Gray.
16. *Aster diffusus*, var. *bifrons*, Gray.
17. *Aster diffusus*, Ait., var. *thyrsoides*, Gray.
18. *Aster diffusus*, var. *thyrsoides*, Gray.
19. *Aster salicifolius*, Ait., var. *subasper*, Gray.
20. *Aster diffusus*, Ait.
21. *Trinobrythia autumnalis*, R. & S.
22. *Equisetum arvense*, L.
23. *Aster diffusus*, Ait., var. *thyrsoides*, Gray.
24. *Aster diffusus*, var. *bifrons*, Gray.
25. *Aster diffusus*, Ait., var. *bifrons*, Gray.
26. *Aster salicifolius*, Ait., var. *subasper*, Gray.

27. *Aster diffusus* - form between var. *thyrsoidens* & *biflorus*.
28. *Aster paniculatus*, Lam.
29. *Aster diffusus*, Ait., var. *thyrsoidens*, Gray.
30. *Aster cordifolius*, L.
31. *Aster diffusus*, Ait.
32. *Aster Salicifolius*, (Ait., (blue) *paniculatus*, (White))
33. *Sporobolus vaginatus*, Vasey, *depauperata* forma.
- 34.
- 35.
36. *Aster diffusus*, Ait., var. *thyrsoidens*, Gray.
37. *Aster diffusus*, Ait. - ~~terrad~~ var. *biflorus*.
38. *Aster Tridacanth*, L.
39. *Aster Tridacanth*, L. four No 22 of last year
should be marked this instead of *paniculatus*,
which I then accidentally called it.

Nov. 14-18 1893.

59

from W.C. Werner, Columbus, Ohio.

326. *Solidago ulmifolia*, Muhl. Peculiar form, possibly hybrid.
 327. " *speciosa*, Muhl.
 328. *Aster salicifolius*, Ait.
 329. " " "
 330. " *Shortii*, Hook.
 331. " *Novi-Belgii* var. *laevigatus*, Gray.
 332. " *diffusus*, Ait.
 333. " *Novi-Belgii*, var. *laevigatus*, Gray.
 334. " *laevis*, L.
 5. " *ericoides*, L.
 6. " *ratone*, Ait.
 7. " *diffusus* approaching *virginicus*.
 8. *Solidago ulmifolia*, Muhl.
 9. *Aster corymbosus*, Ait.
 40. *Helianthus divaricatus*, L.
 1. " *hirsutus*, Raf.
 2. *Stachys aspera*, Michx.
 3. " " "
 4. " " ^{torrid} var. *glabra*, Gray.
 5. *Stachys aspera*, var. *glabra*, Gray.
 6. " " " " "
 7. " " " " "
 48. " " " " "
 9. *Aster agerius*, Lindl.
 50. " *Lindleyanus*, Torr. & Gray.
 51. " " "

27. 352. *Aster Lindleyanus*
 28. 53. " "
 29. 54. " "
 30. 55. " "
 31. 56. " "
 32. 57. " "
 33. *Sporobolus vaginiflorus*, Vasey. \ *depauperate* form.
 358. *Aster sagittifolius*
 59. *Aster sagittifolius*
 3 60. *Aster sagittifolius*
 61. *Aster sagittifolius*
 62. *Aster Lindleyanus* toward *sagittifolius*
 63. " between " " "
 64. " " " "
 65. " *Dummosonii*, Lindl.
 66. *Aster sagittifolius* toward *Lindleyanus*
 67. " " " "
 68. *Aster diffusus*, Ait., var. *thyrsoides*, Gray.
 69. " " " *bifrons*, Gray.
 3 70. *Houstonia missouriensis*, A. N. S. P. ?
 71. *Valerianella Woodsiana*, Walp., var. *umbilicata*, Gray.
 72. *Crataegus coccinea*,
 73. " "
 74. " "
 75. " " toward var. *macracantha*
 76. " "
 77. " "
 78. " " toward var. *mollis*, Torr. & Gray.

379. *Amelanchier Canadensis*, var. *oblongifolia*.
 80. *Oenothera biennis*, L., var. *grandiflora*, Lindl.
 81. " " " "
 82. *Viola palmata*, L.
 83.
 84.
 85.
 86. *Aster paniculatus* Lam. ^{near} ~~to~~ *Tradescanti*
 87. *Eupatorium purpureum*, L. *change form!*
 88. *Senecio aureus*, var. *obovatus*.
 395. *Solidago serotina*, Ait.
 96. " " "
 97. " " "
 98. " *juncea*, Ait.
 400. ~~99.~~ " *serotina* var. *gigantea*.
 1. " *rugosa*, Mill.
 2. *Aster diffusus*, Ait.
 3. " *cordifolius*, L.
 4. " *diffusus*, Ait. monstrous!
 5. " *paniculatus*, Lam.
 6. " *patens*, Ait.
 7. " "
 8. " " var. *phlogifolius*, Muhl.
 9. *Bidens comata*, Muhl., var. *comosa*, Gray.
 10. " *cernua*, or *comata* ?
 11. *Helianthus tacheliifolius*, Willd.
 12. " *decapetalus*.
 3. *Veronica altissima*, Nutt., var. *grandiflora*, Gray.

414. *Monarda fistulosa*, L. for *maibatiensis* *mollis*.
 415. *Cuscuta Gronovii*, Willd.
 16. " " "
 17. " *teniflora*, Engelm.
 18. " " "
 529. Some form of *Solanum nigrum*.
 30. *Myosotis aurensis*, Hoffm.
 31. " " "
 32. " " "
 33. *Ilex verticillata*, Gay.
 34. *Monarda fistulosa*, L.
 35. " *Clinopodium*, L.
 36. " " "
 37. " " "
 38. *Mentha arvensis*.
 39. *Gentiana quinqueflora*, var. *occidentalis*.
 40. *Mentha rotundifolia*.
 41. " *Canadensis*.
 42. *Campanula rotundifolia*.
 43. " " "
 44. " " "
 45. "
 46. *Lamium maculatum*.
 47. an unnamed *Myosotis* from Sugar Grove, is *M. verna*, Nutt.
 48. *Solidago juncea*, "
 49. " " "
 50. " *serotina*
 51. " *juncea*

552. *Myosotis arvensis*, Hoffm.
 53. *Solidago juncea*
 54. *Viola pubescens*,
 55. " " var. *scabriuscula*.
 56. " " "

Dec. 2, 1893.

- Colorado plants from S. H. Camp, Jackson, Mich.
 306. *Ranunculus Hookeri*, Reql.
 256. " *Eschscholtzii*, Schl.
 239. " "
 281. " "
 191. " *secleratus*,
Eleocharis ovalis.

Dec. 5, 1893.

San Bernardino & other plants from Parish.
Phacelia bicolor, Ton.

- Verbena urticaefolia*, L.
Collinsia Davidsonii, Parish.
 2545. *Phacelia brachyloba*, Gray.
 " *Fremonti*, Ton.
 2581. *Astragalus* - near *tricarinatus* - but fls. smaller, lvs. narrower.
 2647. *Trifolium gracilentum*, Ton. & Gr., var. *inconspicuum*, Fraser.

Dec. 7, 1893 -

for A. J. Grant, Johnson, Wt.

- Hypericum ellipticum* - form -
Agropyrum violaceum - form.

Dec. 21. 1893.

Plants from W. A. Davidson, Los Angeles.

2. *Theptanthus heterophyllus*, Nutt.
1. *Kauleia cristata*.
3. *Asaekia brachycarpa*, Benth ("Rosas trispensis, Greene")
4. *Astragalus Mokiaceensis*, Gray.
5. *Oenothera* sp. -
6. *Beta vulgaris*, L.

"*Rosas Davidsonii*, Greene" is *Asaekia decumbens*, Bth.

"*Rosas*" is *Asaekia rigida*, Bth.

Jan. 3, 1894.

Vermont plants from N. M. Eggleston.

1. *Myriophyllum scabratum* Michx.
2. *Arabis laevigata* M.
3. *Saxium triflorum*
4. *Salidago bigaurea* var. *Raetii* P. A. S.
5. *Asterus biennis* + " *monticola* -
6. *Vitis aestivalis*
7. *Juncus Sabina* var. *procumbens*.
8. *Alnus incana* & *scutellata*
9. *Aster salicifolius*.
10. *Aster laevis*.
11. *Solidago latifolia*.
12. *Helianthus debilis*, Nutt.
13. *Helopsis scabra*.
14. *Saxium Penn.* & var. *angustifolium*
15. *Triaba incana*
16. *Pycnanthemum lanceolatum*
17. *Viola blanda*.
18. *Stellaria borealis*
19. *Rosa humilis*.
20. *Helianthus divaricatus*.
21. *Rumex Fatiensis*.
22. *Rumex Britanica*
23. *Amelanchier oligocarpa*
24. *Callitriche verna*
25. *Aster undulatus*.
26. *Sagittaria variabilis*, var. *obtusata* & *angustifolia*
& *Alisma Plantago*

27

28

29

30 *Lycopodium Sabinaefolium*, Willd.31 *Equisetum hyemale* (♂ *variegatum*)32 *Lycopodium Delago*33 *Asplenium alpinum* & *Rablinisii*34 " *(Rablinisii)*

35 " "

Lycopodium americanum approaching
var. jungerm.

Jan. 4. 1894.

For J. M. Macoun. (from Vancouver I.)
Claytonia Chamissonis Esch.

Jan. 4. 1894.

Chas. A. Dodge, Port Huron, Mich.

1. *Torreyana*? perhaps *Carex prasina*?
2. *Eriophorum polystachyon*, var. *latifolium*, Gray.
3. *Carex canescens*.
4. *Carex tenella*, Schk.
5. *Salix balsamifera*, Bonatt.
6. *Poa flexuosa*, Muhl.
7. *Eriophorum polystachyon*, L., var. *latifolium*, Gray.
8. *Carex cernuata*, var. *cephalantha*, Raily.
9. *Carex polytrichoides*, Muhl.
10. *Carex polytrichoides*, Muhl.
11. *Carex riparis*, Curtis.

2. *Carex stipitata*, Muhl.
3. *Carex Muhlbergii*, Schkuhr.
14. *Potamogeton perfoliatus*, var. *laevicollatus*, Robt.
15. *Cicium cuccezaus*.
16. *Carex vulpinoidea*, Michx.
17. *Carex giliformis*, L., var. *latifolia*, Boeckl.
18. *Carex straminea*, Willd., var. *mirabilis*, Torr.
19. *Epilobium adenocaulon*, Haussk.
Carex straminea, Willd.
20. *Juncus alpinus*, Willd., var. *viridissimus*, Fries.
21. *Carex straminea*, var. *brevis*, T. & Grev.
22. *Cicuta maculata*, L.
23. *Carex Pseudo-Cyperus*, L., var. *Americana*, Hooker.
24. *Carex lurida*, Wahl.
25. *Eleocharis calycostus*.
26. *Juncus nodosus*, L.
27. *Juncus tenuis*, Willd.
28. *Panicum xanthophysum*, Gray.
29. *Panicum dichotomum*, L.
30. *Carex retrosa*, Schwein.
31. *Strombus Kalmii*, Gray.
32. *Corobrynum caninum*, R. & S.
33. *Galium cuccezaus*.
34. *Aspidium marginale*, Gracq.
35. *Leopedeza Stuevi*, Nutt., var. *intermedia*, Watson.
36. *Carex vulpinoidea*, Michx.
37. *Carex lurida*, Wahl.
38. *Helianthus giganteus*, L.
39. *Milium effusum*, L.

40. *Carex filiformis*, L., var. *latifolia*, Boeckl.
41. *Carex filiformis*, L., var. *latifolia*, Boeckl.
42. *Eriophorum polystachyon*, var. *latifolium*, Gay.
43. *Carex polytrichoides* Muhl.
44. *Panicum depauperatum*, Muhl.
45. *Rosa rugeliana*, Watson.
46. *Barbarea vulgaris*, R. Br.
47. *Carex filiformis*, L., var. *latifolia*, Boeckl.
48. *Rosa blanda*, Ait.
49. *Carex stricta*, Lam.
50. *Carex stricta*, Lam.
51. *Carex fusca*, All.
52. *Carex Sartwellii*, Drm.
53. *Rosa blanda*, Ait.
54. *Succaria grandis*, Watson.
55. *Spiranthes simplex*, var. *androscedatum*, Eng.
56. *Eriophora ciliolata*, Gay.
57. *Rosa blanda*, L.
58. *Galium trifidum*, L.
59. *Carex polytrichoides*, Muhl.
60. *Calamagrostis Canadensis*, Beauv.
61. *Carex Grayii*, Carey.
62. *Festuca nitens*, Willd.
63. *Panicum latifolium*, L.
64. *Neochloa tenuis*.
65. *Carex Muhlenbergii*, Schkuhr.
66. *Calamagrostis Canadensis*, Beauv.
67. *Panicum latifolium*, L.

68. *Carex sparganoides*, Muhl.
69. *Epilobium coloratum*, Muhl.
70. *Juncus alpinus*, Willd., var. *insignis*, Fries.
71. *Cinna arundinacea*, L.
72. *Carex vulpinoidea*, Michx.
73. *Scirpus pungens*, Vahl.
74. *Potentilla recta*, L.
75. *Salix alba*, L., var. *caerulea*, Koch.
76. " " var. *vitellina*, Koch.
77. *Cupressus Gozmaniae*, Gordon.
78. *Ribocedrus decurrens*, Torr.
79. *Cupressus Lawsoniana*, Mun.
80. *Juniperus Californica*, Cav.
- 81.
- 82.
83. *Eucalyptus diversicola*, F. Muell.
84. *Acacia* — ? Too young!
85. *Eucalyptus globulus*, Lab. (Austrian)
- 86.
87. *Viburnum Tinus*, R. (European)
- 88.
- 89.
90. *Acacia Cyclops*, A. Cunn.
91. *Eucalyptus coriacea*, Ait. (Romanian)
92. *Aquilegia caerulea*, Torr.
93. *Thermopsis rhombifolia*, Rich.
94. *Potentilla glandulosa*, Lindl.
95. *Castilleja linariaefolia*, Benth.

96. *Stellaria longipes*, Goldie.
 97. *Samolus rotundifolia*, var. ^{retro} ~~interjecta~~, Lange.
 98. *Dryas aurea*, Vahl.
 99. *Antennilla Hippiana*, Lehm., var. *fulchreana*, Watson.
 100. *Antennaria dioica*, Gaertn.
 101. *Clematis alpina*, var. *occidentalis*, Gray.
 102. *Dodecatheon Drummondii*, Watson.
 103. *Aspidium marginale*, Swartz.
 104. *Habenaria bracteata*, R. Br.
 105. *Epilobium angustifolium*, L.
 106. *Penstemon glaucus*, Graham.
 107. *Saxifraga Lemmonii*, Torr.
 108. *Juncus Pinus*, L.
 109. *Silene concolor*, Gray.

June 20 - 27, 1894. J. S. Brundage.

Plants from Lower California.

Microstylis ophioglossoides, Nutt.

" *corymbosa*, Wats.

Anthusa racemosa, Bth.

Habenaria gelifica, Watson? *caerulescens*, Lindl. Ex char.

" *Shrevei*, Gray.

" *clypeata*, Lindl. Ex char.

" *diffusa*, R. & G.

" *Lucasaeensis*, Fernald, n. sp.

Feb. 1, 1894 to March 1, 1894.

Plants of the Humboldt Expedition collected
by C. V. Hartman.

Sonora, 1890.

1. *Sium angustifolium*, L.
2. *Cnicus Wrightii*, Gray.
3. *Alternanthera aegyptiaca*, R. Br.
4. *Philibertia cynanchoides*, Desenc, var. *pubtruncata*, Rob. & Freeman, H. Br.
5. *Quercopsis* ^{H. Br.}
6. *Acrothymus californica*, Benth.
7. *Abutilon incanum*, Don.
8. *Iresine celosioides*, L.
9. *Porophyllum Secuamii*, Sch. Bip.
10. *Jacquemontia Pinzgeri*, Gray, var. *glabrescens*, Gray?
11. *Arbutus Jalapensis*, A. Br.
12. *Andropogon hirtiflorus*, A. Br.
13. *Marrubium vulgare*, L.
14. (Characeae)
15. *Dalea elbiflora*, Gray.
16. *Hydrocotyle ranunculoides*, L. f.
17. *Lippia nodiflora*, Michx.
18. *Eriogonum Wrightii*, Torr.
19. *Nicotiana trigonophylla*, Dun.
20. *Grillenium illecebroides*, A. Br.
21. *Stipa flexuosa*, V. & S.
22. *Tragia stylaris* Mull.?
23. *Dalea formosa*, Torr.
24. *Gomphrena vidua*, Rothr.
25. *Phaseolus rotundifolius*, Gray.

25. *Notholaena pinnata*, Taulef.
26. *Cheilanthes lanuginosa*, Nutt.
27. *Eysenhardtia orthoceras*, Watson.
28. *Mercurialis oblongifolia*, Torr.
29. *Gymnogramme Elaeagnifolia*, Holzsch.
30. *Portulaca Humboldtiana*, Griseb.
31. *Rhus ovata*, Sims.
32. *Hibiscus Coulteri*, Gray.
33. *Juniperus* - sp.
34. *Thelaspisma gracile*, Gray.
35. *Ingenhousia triloba*, DC.
36. *Gomphrena* - sp.
37. *Cyperus Schweinitzii*, Torr.
38. ~~*Quistida badata*, Torr.?~~
39. ~~*Mercurialis oblongifolia*, Torr.~~
40. *Cassia Wislizenii*, Gray.
41. *Polygala scoparia*, A. N. S.
42. ~~*Euphorbia corollata*, DC.~~ = *Sesbania macrocarpa* Nutt.
43. *Pluchea Wrightii*, Gray.
44. *Salvia Scorodoniaefolia*, Torr.
45. *Malvastrum Thunbergii*, Gray, var. *taxiflorum*, Gray.
46. *Lippia Wrightii*, Gray.
47. *Chaenactis Californica*, Torr.
48. *Bidens procera*, Don.
49. *Lobelia splendens*, Willd.
50. *Synhopappus Rothrockii*, Gray.
51. *Fouquieria splendens*, Engelm.
52. *Morus rubra*, L.
53. *Euscaphis odontolepis*, Engelm.
54. ~~*Passiflora* - sp.~~

53. *Gnaphalium leucocephalum*, Gray.
 54. *Eignon coronarius*, Greene.
 55. *Heteropogon acuminatus*, Trin.
 56. *Sclaginella rupestris*, Spr.
 57. *Euphorbia pilulifera*, L.
 58. *Galium Wrightii*, Gray, var. *latifolium*, Rob. & Fern, n. var.
 59. *Mentha Canadensis*, L.
 60. *Muhlenbergia calamagrostidea*, Ait.
 61. *Naua hispidum*, Gray.
 62. *Clematis Drummondii*, Torr. & Gray.
 63. *Physalis glabra*, Benth. ?
 64. *Rivina laevis*, L.
 65. *Sapindus marginatus*, Willd.
 66. *Euphorbia Brasiliensis*, Lam.
 67. *Polygonum segetum*, Ait.
 68. *Desmodium cinereum*, Gray.
 69. *Caesalpinia* ?
 70. *Pectis filipes*, Gray.
 71. *Melanopodium longicorne*, Gray.
 72. *Quercus* sp.
 73. *Taxates Lemmonii*, Gray.
 74. *Tillandsia recurvata*, L.
 75. *Sphaeralcea incana*, Torr.
 76. *Tetramerium hispidum*, Nees.
 77. *Muhlenbergia calamagrostidea*, Ait.
 78. *Gilia aggregata*, Spreng.
 79. *Rhus microphylla*, Nutt.
 80. *Rhus Canadensis*, Nutt., var. *bilobata*, Gray.

- 81. *Notholaena sinuata*, Kaulf.
- 82. *Hymenathemum acaesum*, Gray.
- 83. *Fimbristylis capillaris* - Gray.
- 84. *Dodonaea viscosa*, L.
- 85. *Panicum colomum*, L.
- 86. *Aristida Schiediana*, Trin.
- 87. *Andropogon hutiflorus*, Rth.
- 88. *Eriopogon nutans*, Rth.
- 89. *Conoclinium triphyllum*, Salisb.
- 90. *Porophyllum macrocephalum*, DC.
- 91. *Elytharia tridentata*, Vahl.
- 92. *Alycia pusilla*, L.
- 93. *Mentzelia albicaulis*, Dougl.
- 94. *Verbena polystachya*, G. & G.
- 95. *Bidens chrysanthemoides*, Michx.
- 96. *Gaura parviflora*, Dougl.
- 97. *Tephrosia constricta*, Watson.
- 98. *Cyclanthera dissecta*, Vaddini.
- 99. *Passiflora inaequalis*, Gray.
- 100. *Ingenhousia triloba*, DC.
- 101. *Hedeoma Drummondii*, Benth.
- 102. *Achillea Fericodendron*, L.
- 103. *Euphorbia colorata*, Engelm.
- 104. *Zinnia pauciflora*, L.
- 105. *Antennaria limosa*, Vahl.
- 106. *Prunus salicifolia*, G. & G.
- 107. *Eclipta alba*, Vaseh.
- 108. *Solanum tuberosum*, L.

- 107. *Elytraria tridentata*, Vahl.
 108. *Hymenothrix Wrightii* Gray.
 111. *Gilia Pringlei*, Gray.
 112a. *Gilia multiflora*, Nutt.
 112. *Chilopsis saligna*, Don.
 113. *Bidens leucantha*, DC.
 114. *Tirantia jugosa*, Schreb.
 115. *Crucella Wrightii*, Gray.
 116. *Euphorbia vitiviridis*, Watson.
 117. *Phacelus Wrightii*, Gray. 117a. *P. retusus*, Benth.
 118. *Dalea diffusa*, Moric.
 119. *Euscuta Americana*, L.
 120. *Cheilanthes Lindheimeri*, Hook.
 121. *Thalictrum Emeryi*, Gray, var. *Wrightii*, Gray.
 -122. *Cedronella Mexicana*, Benth.
 123. *Clematis Drummondii*, Don, Gray.
 124. *Guardiola platyphylla*, Gray.
 125. *Aster canescens*, Pursh, var. *latifolius*, Gray.
 126. *Zauschneria Californica*, Benth.
 127. *Fraxinus pistaciifolia*, Torr.
 128. *Bouvardia triphylla*, Salisb.
 129. *Stevia Eupatoria*, Willd.
 -130. *Notholaena sinuata*, Nutt.
 131. *Quercus Wislizeni*, A. DC.
 132. *Quercus undulata*, Torr. var. *breviloba*, Engelm.
 133. *Dalea Drummondii*, Rob. & Fern. n. sp.
 134. *Dalea albiflora*, Gray.
 135. *Mimosa malacophylla*, Gray.
 136. *Adolpha infecta*, Meisn.

137. *Asclepias Linaria*, Cav.
 138. *Trumaria tenella*, Cav.
 139. *Cuphea Wrightii*, Gray.
 140. *Washingtonia* sp.
 141. *Geranium Mexicanum*, A.D.K.
 - 142. *Castilleja tenuiflora*, Kth.
 143. *Aralia humilis*, Cav.
 144. *Zauschneria Californica*, Presl.
 145. *Loeselia glandulosa*, Don.
 146. *Lycurus phleoides*, H.B.K.
 147. *Saccharis Bigelovii*, Gray.
 148. *Pyrgaea glochidiata*, H.B.K.
 149. *Spiranthes Madrensis*, Benth. & Hook.
 - 150. *Castilleja aurensis*, Cham. & Schl.
 - 151. *Tecoma stans*, Juss.
 152. *Pissiflora inamena*, Gray.
 153. *Verbascum exceloides*, Benth. & Hook.
 154. *Platanus Wrightii*, Watson.
 155. *Caesalpinia pulcherrima*, Eratt.
 156. *Asclepias graecycaea*, H.B.K.
 157. *Macrosiphonia brachysiphon*, Gray.
 - 158. *Loeselia glandulosa*, Don.
 ✓ - 159. *Jacobinia ovata*, Gray.
 160. *Stachys coccinea*, Jacq.
 - 161. *Aster canescens*, Pursh, var. *latifolius*, Gray.
 162. *Bothriocnema Grayi*, Davenport.
 163. *Helianthus microphyllus*, Prz.
 164. *Milleria quinqueflora*, L.

- ! 165. *Kosteletzkya cordata*, Presl. ex char.
 166. *Euphorbia heterophylla*, L.
 167. *Gonovia scandens*, L.
 168. *Echinocystis Wrightii*, Cogn.
 169. *Oenothera biennis*, L., var. *grandiflora*, Lindl.
 170. *Panicum bulbosum*, HBK.
 171. *Notholaena geraniifolia*, Hook.
 172. *Jatropha cardiophylla*, Muell.
 173. *Eupatorium pycnocephalum*, Less.
 174. *Populus monticola*, Pradegece.
 175. *Martynia fragrans*, Lindl.
 176. *Hyptis Emoryi*, Torr.
 177. *Ceanothus luxifolius*, Willd.
 178. *Arundo Donax*, L.
 179. *Cuscuta umbellata*, HBK.
 180. *Eupatorium*?
 181. (Leaves only)
 182. *Sambucus Mexicana*, Presl.
 183. *Perityle deltaidea*, Watson.
 184. *Hymenoclea monogyra*, Gray.
 185. *Eclipta alba*, Hook.
 186. *Euphorbia pilulifera*, L.
 187. *Lagotis Lemmonii*, Gray.
 188. *Isolanomia triloba*, DC.
 189. *Panicum colonum*, L.
 190. (Leaves only)
 191. *Caesalpinia*?
 192. *Sebastiania bilocularis*, Watson.

113. *Ipomoea trifida*, Don, var. *Ipomoea*, Gray.
 114. *Quisacanthus Thurberi*, Gray.
 115. *Ipomoea leptotoma*, Torr.?
 116. *Ipomoea* ^{*stellata*} ~~*leptotoma*~~, Torr.
 117. *Aippia purpurea*, Jacq.
 118. *Bidens heterophylla*, Wt.
 119. *Stemodia durantifolia*, Erhartz.
 120. *Oxalis Wrightii*, Gray.
 121. *Abutilon incanum*, Don.
 122. *Tribiscus Canisii*, Gray.
 123. *Plumbago scandens*, L.
 124. *Dodonaea viscosa*, L.
 125. *Nicotia Schottii*, Gray.
 126. *Scaevola calycata*, L.
 127. *Philibertia linearis*, Gray.?
 128. *Ipomoea spongiosa*, Rob. & Fern., new sp.
 129. *Metastelma Argonicum*, Gray.
 130. *Aporosa undulata*, Gray.
 131. *Jacobinia ovata*, Gray.
 132. *Lycium ~~exsertum~~*, Gray. *retusum*, Rob. & Fern., new sp.
 133. *Lesine celosioides*, L.
 134. *Passiflora Mexicana*, Juss.
 135. *Xanthoxylum iterata*, L.
 136. *Pectis longipes*, Gray.
 137. *Ficus Caliscana*, Watson.
 138. (leaves only)
 139. *Hiraea macroptera*, DC.
 140. *Mecostema trigonophylla*, Don.

22. *Eriolichia alata*, Watson.
 23. *Leptocarpus Arizonica*, Gray, var. *pubescens*, Rob. & Fern. n. var.
 24. *Waltheria detonsa*, Gray.
 25. *Santana involucrata*, L.
 26. *Eriogon delphinifolius*, Willd.
 27. *Boerhaavia spinosa*, HBK.
 28. *Antigonon leptopus*, Holl.
 29. *Xarwinetia Humboldtiana*, Trece.
 30. *beckesia coccinoides*, Benth. Hook.
 31. *Lycurus phleoides*, HBK.
 32. *Goutelona trivata*, Gray.
 33. *Iresine Schaffneri*, Watson.
 34. *Eucelia farinosa*, Gray.
 35. *Ueasia filicina*, Willd.
 36. " *Farnesiana*, Willd.
 37. *Cuscuta Americana*, L.
 38. *Dielyptera resupinata*, Less.
 39. *Notolaena peruviana*, Hook.
 40. *Abutilon Beilandi*, Gray.
 41. *Esenbeckia Hartmanii*, Rob. & Fern. n. sp.
 42. *Olneya tesota*, Gray? [?]
 43. *Xanthoxylon pterota*, L.
 44. *Solanum tectum*, Pers.
 45. *Peregia Trucheri*, Gray.
 46. *Crossosoma ^{nauiflora} ~~flaviflora~~*, Rob. & Fern. n. sp.
 47. *Solanum heterodoxum*, Don.
 48. (leaves only)
 49. *Parthenium tomentosum*, DC.?

247. *Lagascea decipiens*, Hms.
 250. *Cassia Covillei*, Gray.
 1. *Acacia Cochliacantha*; H. & B.
 2. ~~*Opuntia tomentosa*, Engelm., var. *fulva*, Hook. & Baker.~~
 3. ~~*Notholaena sinuata*, Aulch.~~
 4. *Notholaena ferruginea*, Hook.
 5. *Notholaena sinuata*, Aulch.
 6. *Cheilanthes Lindheimeri*, Hook.
 7. *Sambucus Mexicana*, Presl.
 8. *Lippia lycoides*, Steud.
 9. *Ernanis tomentosa*, Jacq.
 10. *Cheilanthes Pringlei*, Davenp.
 200. *Sporobolus asperifolius*, N. & M. ?
 1. *Eriodendron acuminatum*, Wats. (petioles very pubescent)
 2. ~~*Cheilanthes micropogon*, Swz.~~
 3. ~~*Notholaena nivalis*, Desv.~~
 4. *Fragaria pistaciifolia*, Don.
 5. *Muhlenbergia dumosa*, Scrib.
 6. *Bursera gagaroides*, Engler.
 7. *Acacia filicina*, Willd.
 8. *Notholaena nivalis*, Desv.
 9. *Sponaea spongiosa*, Rob. & Fern, n. sp.
 10. *Loxocera glandulosa*, Don.
 251. *Aphonastemum ramocissimus*, DC.
 2. *Maurandia*?, *geniculata*, Rob. & Fern, n. sp.
 3. *Stevia Schaffneri*, Sch. Bip.
 4. *Erigeron delphinifolius*, Willd.
 5. *Eriosema diffusum*, G. Don.
 6. *Couania Mexicana*, Don.

4. *Anisacanthus Thurberi*, Gray.
 5. *Acacia constricta*, Benth.
 6. *Jussine cilicoides*, L.
 280. *Dalea laevigata*, Gray.
 1. *Gaudichaudia filipendula*, Juss.
 2. *Parkinsonia aculeata*, L.
 3. *Cassia Boissii*, Gray.
 4. *Solanum elaeagnifolium*, Cass.
 5. *Erigeron delphinifolius*, Willd.
 6. *Baccharis theoides*, HBK.
 7. *Sedum dumholtzii*, Rob. & Fern. n.sp.
 8. *Mimulus dentilobus*, Rob. & Fern. n.sp.
 9. *Mimulus glabratus*, HBK. var. *adscendens*, Gray.
 290. *Aster exilis*, Ell.
 1. *Samolus Valerandi*, L., var. *repens*, Brandege.
 2. *Adiantum capillus-veneris*, L.
 3. *Asplenium Trichomanes*, L. var. *repens*, Davenport.
 4. *Celtis reticulata*, Torr.
 5. *Aureus* sp.
 6. *Leptosyne Arizona*, Gray, var. *pubescens*, Rob. & Fern. n.var.
 7. *Eupatorium pauperculum*, Gray.
 8. *Notholaena nivea*, Desv.
 9. *Castilleja tenuiflora*, Bth.
 300. *Helianthus ^{Caulis} indigenus*, Kratz.
 1. *Tithonia fruticosa*, Rose.
 2. *Montanoa patens*, Gray.
 3. *Senecio Hartwegi*, Benth.
 4. *Fendlera ruficola*, Eng. & Gray.

200. *Eupatorium collinum*, DC.
 - 1. *Leptocarpus*
 2. (Hepatic)
 3. *Acer grandidentatum*, Nutt.
 4. *Juniperus flaccida*, Schlecht.
 5. *Selaginella lepidophylla*, Spr.
 6. *Zonanthus spinostylis*, DC. ex Char.
 - 7. *Salvia elegans*, Vahl.
 8. *Sedum Mausonianum*, Watson.
 - 9. *Stachys coccinea*, Jaeg.
 10. *Lucius grisea*, Liebm.
 - 11. *Lucine elociorides*, K.
 12. *Dalea Parryi*, Torr. & W.
 13. *Garrya ovata*, Benth.
 14. *Asplenium Trichomanes*, L., var. *repens*, Davenport.
 - 15. *Eclipta alba*, Hook.
 - 16. *Cheilanthes Lindheimeri*, Hook.
 17. *Alnus acuminata*, HBK.
 - 18. *Salvia hypnoides*, Nutt. & Gal.
 19. *Pinus Schiediana*, Schl.
 20. *Brickellia Wislizeni*, Gray, var. *laucolata*, Gray.
 21. *Smilax asperifolia*, HBK. ?
 22. *Peraginella ripensis*, J. M. W.
 23. *Boottia tenuis*, Hook.
 24. *Datura Meteloides*, DC.
 25. *Eryngium Deppianum*, Schl.
 26. *Abies Kalapensis*, HBK. var. *Texana*, Gray.
 27. *Silene Thurberi*, Watson.

333. *Brickellia Wislizeni*, Gray, var. *laucolata*, Gray.
 4. *Perezia montana*, Rose.
 5. *Desmodium linearifolium*, D.C.
 6. *Inula fulva*, Liebm.
 7. " " "
 8. *Inula oblongifolia*, Torr. var.
 9. *Rhamnus Californicus*, var. *tomentosa*, Gray.
 340. *Arceuthabium* sp.
 1. *Polypodium thysanolepis*, A. Br.
 2. "
 ! 3. *Inula crassifolia*, HBK. ex char.
 4. "
 ! 5. *Inula crassifolia*, HBK. ex char.
 6. *Polypodium laucolatum*, L.
 7. "
 8. "
 9. "
 340. "
 1. "
 2. *Inula* sp.
 3. "
 4. *Arctostaphylos pungens*, HBK.
 5. *Ancimia tomentosa*, Bratz., var. *fulva*, Hook. & Baker.
 6. "
 7. "
 8. *Oteris aquilina*, L.
 9. *Pseudotsuga Douglasii*, Can.
 1. *Eryngium Dillenianum*, Schl.

351. *Chimaphila maculata*, Pursh.
 - 2. *Polygala scaparia*, H.B.K.
 - 3. *Gerardia Wrightii*, Gray.
 - 4. *Rhamnus Californicus*, var. *tomentella*, Gray.
 - 5. *Aquilegia tomentosa*, Swartz, var. *fulva*, Hook. & Baker.
 6. *Juniperus Mexicana*, Schieb.
 7. *Pellaea atropurpurea*, Link.
 8. *Conyza aurea*, Willd., var. *occidentalis*, Gray.
 - 9. *Cheilanthes ludigera*, Swartz.
 360. *Cheilanthes tomentosa*, Link.
 1. *Notholaena Hookeri*, Eaton.
 - 2. *Garrya ovata*, Benth.
 - 3. *Arcicercus oblongifolia*, Torr.
 4. *Arceuthobium vaginatum*, Eichl.
 5. *Dalea racemosa*, Benth.
 6. *Cercocarpus parvifolius*, Nutt., var. *paucidentatus*, Wats.
 7. *Pinus cembroides*, Zucc.
 8. *Junonia Californica*, Bth.

March 5, 1894.

L. V. Piper, Washington & Idaho.

1453. *Clematis douglasii*, Hook.
 54. " *verticillaris*, DC.
 55.
 56. *Asarum Columbianum*, Nutt.
 57. *Delphinium bicolor*, Nutt.
 58. *Delphinium distichum*, Geyer.
 - 59. *Myosurus apetalus*, Gray, var. *lepturus*, Gray.
 60.
 - 1. *Ranunculus alismaeifolius*, Geyer.
 - 2. " *glaberrimus*, Hook.
 - 3. " *septentrionalis*, Pursh.
 4.
 - 5. *Troutvetzia parvifolia*, Nutt.
 6. *Thalictrum occidentale*, Gray.
 7. " *venulosum* Trelease.
 8. *Thalictrum occidentale*, Gray.
 9. *Anemone nemerosa*, L.
 10. *Arabis Holbrellii*, Hornem.
 1.
 2.
 3. *Thelypodium laciniatum*.
 4. *Rasturium curvisiliqua*, Nutt.
 5.
 6.
 7. *Sisymbrium incisum*, Nutt., var. *filipes*, Gray.
 8. *Platyspermum scapigerum*, Hook.

1479

82.

1. *Thysanocarpus pusillus*.

2.

3.

4. *Trifolium cyathiferum*, Lindl.5. *Trifolium altissimum*, Dougl.

6.

7. *Xathyrus pauciflorus*, Fern. nsp.

8.

9. *Thermopsis montana*, Nutt.

10.

1.

2. *Astragalus inflexus*, Dougl.3. " *reventus*, Gray?4. *Astragalus Spaldingii*, Gray.5. " *Mortoni*, Nutt.

6.

7. *Xenochera cylindrica*, Dougl., var. *glabella*, Wheelock.8. *Mitella trifida*, Graham.9. *Ribes viscosissimum*, Pursh.

10.

1.

2.

3.

4.

5. *Valerianella anomala*, Gray.6. *Valeriana edulis*, Nutt.

1507. *Parietaria Pennsylvanica*.
8. *Urtica holosericea*, Nutt.
9. " " Nutt.
10. *Urtica Lyallii*.
11. *Celtis occidentalis*, L.
12. *Phlox speciosa*, Dougl.
- 13.
14. *Gilia grandiflora*, Gay, var.
15. *Gilia linearis*.
- 16.
- 17.
18. *Gilia gracilis*, Dougl.
19. *Gilia aggregata*, Spreng.
20. *Gilia intertexta*, Steud.
1. *Polemonium microanthum*, Benth.
2. *Spiraea betulaeifolia*, Pall., var. *corymbosa*, Wats.
- 3.
- 4.
- 5.
6. *Neillia apulifolia*, B. & H.
7. *Pyrus sambucifolia*, S. & S.
8. *Potentilla arguta*, Fusch.
9. *Potentilla gracilis*, Dougl. var. *flabelliformis*,
20. *Pyrus virginiana*, var. *demissa*, (Nutt.)
- 1.
2. *Geum triflorum*, Fusch.
- 3.
- 4.

55. *Crataegus coccinea*, var. *maeracantha*, Dudley.
 6.
 7. *Poterium annuum*, Nutt.
 8. *Rosa Fendleri*, Crippin.
 9. *Rosa nutkana*, Presl.
 10. " " var. *hispida*, Fern. n. var.
 11. *Rosa Fendleri*, Crippin.
 12.
 13.
 14.
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 22.
 23.
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 25.
 26.
 27.
 28.
 29.
 30.
 31. *Fizia cordata*, Koch.
 32.
 33. *Eryngium articulatum*, Hook.
 34.
 35.
 36.
 37.
 38.
 39.
 40. *Leptotaenia multifida*, Nutt.
 41. *Penstemon ambiguus*, Nutt.

1563. *Peucedanum macrocarpum*, Nutt.
 7. *Peucedanum Grayi*, C. & R. (?)
 8.
 9. *Peucedanum farinosum*, Geyer.
 7. *Peucedanum Geyeri*, Watson.
 8. " *simplex*, Nutt.
 9. *Lophanthus urticifolius*, Benth.
 70.
 1. *Scutellaria angustifolia*, Pursh.
 2. *Aplopappus racemosus*.
 3. *Madia filipes*, Gray.
 4. *Madia glomerata*, Hook.
 5.
 6. *Lagophylla ramosissima*, Nutt.
 7. *Arnica cordifolia*, Hook.
 8. " *alpina* ??
 9. *Solidago Missouriensis*, Nutt., var. *extraria*, Gray.
 80. *Solidago elongata*, Nutt.
 1.
 2. *Antennaria luzuloides*, T. & G.
 3.
 4. *Gnaphalium decurrens*, Ives, var. *californicum*, Gray.
 5. *Antennaria racemosa*, Hook.
 6.
 7.
 8.
 9.
 10.

1577.

2.

3.

7. *Balsamorhiza sagittata*, Nutt.5. *Wyethia amplexicaulis*, Nutt.6. *Rudbeckia occidentalis*, Nutt.

7.

8. *Helianthella Douglasii*, T. & G.

9.

10. *Erigeron acris*, L., var. *Droebachensis*, Blytt.11. *Erigeron corymbosus*, Nutt.2. *Aster campestris*, Nutt.3. *Aster conspicuus*, Lindl.7. " *integrifolius*, Nutt.,5. *Aster Oreganus*, Nutt.

6.

7.

8. *Senecio lugens*, Rich., var. *exaltatus*, Gray.9. " *serra*, Hook.10. *Hieracium Canadense*, L.11. *Grepis intermedia*.12. *Microseris nutans*, Gray.13. *Microseris linearifolia*, Gray.14. *Hieracium Scouleri*, Hook.

15.

16. *Tropimon grandiflorum*, Gray.17. " *heterophyllum*, Greene.18. *Frasera thyrsiflora*, Hook.

- 16/9. *Foasera albicaulis*, Dougl.
 20.
 1.
 2. *Erythraea Douglasii*. ?
 3. *Gentiana Oregana*, Engelm.
 4. " *Amarella*, var. *acuta* (nana?).
 5.
 6. *Mentzelia dispersa*, Wats.
 7.
 8. *Godetia epilobioides*, Nutt.
 9. *Guara parviflora*, Dougl.
 20. *Clarkia pulchella*, Pursh.
 1. *Epilobium paniculatum*, Nutt., var. *jucundum*, Trelease.
 2. *Epilobium adenocaulon*, Haussk.
 3. *Gayophytum diffusum*, T. & G.
 4.
 5. *Alnus rhombifolia*, Nutt.
 6. *Pterospora andromedea*, Nutt.
 7.
 8. *Acer glabrum*, Torr.
 9. *Acer glabrum*, Torr. with trifoliate leaves.
 40.
 1.
 2. *Betula occidentalis*, Hook.
 3.
 4. *Sidalcea campestris*, Greene.
 5. " " "
 6. *Geranium incisum*, Nutt.

10 77

1. *Asarum canadense*, Lindl.

11 78

1. *Pachystima myrsinites*, Raf.

12 79

1. *Hypericum Scouleri*, Hook.

13 80

1. *Tonella floribunda*, Gray.

14 81

1. *Mimulus Parryi*, Gray.

15 82

1. *Synthyris rubra*, Benth.

16 83

1. *Pedicularis bracteosa*, Dougl.

17 84

1. *Pentstemon Menziesii*, var.

18 85

2. *Pentstemon ovatus*, Dougl.

19 86

20 87

1. *Orthocarpus hispidus*.

21 88

1. *Orthocarpus tenuifolius*.

22 89

1. *Castilleja pallida*, Kunth.

23 90

24 91

25 92

26 93

27 94

1. *Brodiaea Douglasii*, Wats.

28 95

1. *Fraxillaria pudica*, Spreng.

29 96

1. *Trillium petiolatum*, Pursh.

1675.

6.

7.

8.

9.

! 80. *Calochortus flavonaceus*, Frém. n.sp.
 1. *Calochortus macrocarpus*, Dougl. white!

2.

3.

4.

5. *Allium acuminatum* var. *cuspidatum*.

6. *Corallorhiza innata*, R. Br.

7.

8.

9. *Arenaria congesta*, Nutt.

98.

1. *Mertensia sibirica*, Don.

2. " *oblongifolia*.

3. *Myosotis verna*, Nutt.

4.

5.

6. *Hydrophyllum capitatum*.

7. *Hydrophyllum occidentale*, Gray.

8. *Hesperochiron pumilus*, Porter.

9. *Lithospermum pilosum*.

100. *Lithospermum pilosum*, Nutt.

11.

2. *Krynitzochia oycarya*, Gray.

3. *Echinosperrum Redowskii*, var. *occidentale* -

4.

5. *Arenaria macrophylla*, Hook.

6.

7.

8. *Silene Douglasii*, Hook -

9. *Silene Menziesii*, Hook.

10.

11.

12. *Claytonia Chamissonis*,

13.

14. *Viola canina*, L., var. *adunca*, Gray.

15. *Viola Nuttallii*.

16.

17.

18.

19.

20. *Lonicera Utahensis*, Wats.

21.

22.

23.

24.

25.

26.

27.

28.

29.

30.

Downingia elegans, Torr.

30. *Dodecatheon Cusickii*, Greene -

1731.

32. *Dodecatheon cusickii*, Greene.

33.

34. *Woodia oregana*, Eaton

35.

36.

37.

38.

39. *Bromus brizaeformis*, F. & M.

40.

41.

42. *Deschampsia calycina*, Presl.

43.

44. *Danthonia californica*, Bal.45. *Melica bulbosa*, Geyer.

46.

47.

48.

49.

50.

51.

52. *Festuca ovina*, var. *sulcata*, Hackl.

53.

54. *Festuca microstachya*, Nutt.55. *Poa nevadensis*, Vasey.

56.

57. *Koeleria cristata*, Pers.58. *Deschampsia danthonioides*, Trin.

17 59 *Agrostis exarata*, var?

60

61 *Dryoxia purpurascens*.

62 *Stipa viridula*, Trin.

63

64

65

66

67 *Peucedanum Grayi*, C. & R. (millefolium)

68 *Cheilanthes lanuginosa*, Nutt.

69 *Trofinon glaucum*, Nutt.

70. *Corispermum hypophyllum*, L.

April 5, 1894. &

Plants from Humboldt - Exped.
coll. by F. & Lloyd.

369. *Corydalis aurea*, Willd., var. *occidentalis*, Gray.
370. *Drymaria gracilis*, Cham. & Schl.
1. *Sida diffusa*, HBK.
2. *Anoda Thurberi*, Gray.
3. *Sphaeroclea Coulteri*, Gray.
4. *Agrimia pusilla*, L.
5. " "
6. *Karwinskia Humboldtiana*, Jucc.
7. *Ceanothus brevifolius*, Willd.
8. *Rhus Schiediana*, Schl.
9. *Rhus Schiediana*, Schl.
10. *Dalea diffusa*, Moric.
11. *Dalea Parryi*, Torr. & Gray.
12. *Acacia filicina*, Willd. var
13. *Dalea revoluta*, Wats.
14. " " "
15. *Dalea ramosissima*, Benth.
16. *Crotalaria pumila*, L.
17. " " "
18. *Lysiloma candida*, Gray.
19. *Sedum Humboldtii*, Rob. & Fern. aspl
20. *Ceanothus laevis*, L., var. *grandiflora*, Lindl.
1. *Houstonia Wrightii*, Gray (?
2. *Mitracarpum villosum*, Cham. & Schlecht.
3. *Salium uncinulatum* DC.
4. *Valeriana sorbifolia*, HBK.

Stevia

- 3, 15. *Eupatorium Eupatoria*, Willd.
- 6. *Eupatorium pauciflorum*, Gray.
- 7. " *pycnocepalum*, Less.
- 8. *Urtica Potaninus*, Gray.
- 9. *Aster caesescens*, Pursh, var. *viridis*, Gray.
- ! 400. *Peritrype Lloydia*, Rob. & Fern. n. sp.
- 1. *Zinnia grandiflora*, Nutt.
- 2. *Pectis longipes*, Gray.
- 3. *Gnaphalium leucocephalum*, Gray.
- 4. *Artemisia Mexicana*, Willd.
- 5. *Senecio neo-Mexicanus*, Gray.
- ! 6. *Leptocyne Arizonica*, Gray, var. *pubescens*, Rob. & Fern. n. var.
- 7. " *Arizonica*, Gray.
- 8. *Bidens heterophylla*, Ort.
- 9. *Bidens decantha*, DC.
- 410. *Gymnosonia multiflora*, R. & H.
- 1. " "
- 2. *Baccharis sarothroides*, Gray.
- 3. " "
- 4. " *glutinosa*, Pers.
- 5. *Baccharis ptarmicaefolia*, DC.
- ✓ 6. *Hymenotaria Wislizeni*, Gray.
- 7. *Hymenothrix Wislizeni*, Gray.
- 8. *Trigonospermum adenostemonoides*, Less.
- 9. *Perezia montana*, Rose.
- 420. *Guadiola platyphylla*, Gray.
- 1. *Brieteella florivunda*, Gray.
- 2. *Brieteella Rusbyi*, Gray. form.

423. *Lobelia graminia*, Sav.
 4. *Arctostaphylos pungens*, HBK.
 5. *Fraxinus pistaciifolia*, Torr., var.
 6. *Loeselia ciliata*, L.
 7. *Loeselia glandulosa*, Don.
 8. *Loeselia glandulosa*, Don.
 9. *Sponoaea spongiosa*, Rob. & Fern. n. sp.
 30. *Sponoaea corbellata*, Torr.
 1. *Sponoaea leptotoma*, Torr.
 2. " *hederacea*, Jacq.
 3. *Physalis pubescens*, L.
 4. *Physalis crassifolia*, Benth.
 5. *Solanum nigrum*, L.
 6.
 7. *Solanum* = Schb.
 8. *Solanum* = v. *undecim*, Gray.
 9. *Solanum* = v. *undecim*, Gray.
 40.
 1.
 2.
 3. *Tetramecium hispidum*, Nees.
 4. *Lantana involucrata*, L.
 5. *Verbena Aubletia*, L.
 6. " "
 7. *Buddleia lanceolata*, Benth.?
 8. *Verbena polystachya*, HBK.
 9. *Salvia elegans*, Vahl.
 50. *Euphorbia Seemana*, Gray.
 1. *Sarvia micro-punctata*, Rob. & Fern. n. sp.

723. *Lobelia gruinia*, Cav.
 4. *Arctostaphylos pungens*, HBK.
 5. *Fraxinus pictaefolia*, Torr., var.
 6. *Loeselia ciliata*, L.
 7. *Loeselia glandulosa*, Don.
 8. *Loeselia glandulosa*, Don.
 9. *Sponaea spongiosa*, Rob. & Fern. n. sp.
 30. *Sponaea corbellata*, Torr.
 1. *Sponaea leptotoma*, Torr.
 2. " *hederacea*, Jacq.
 3. *Physalis pubescens*, L.
 4. *Physalis crassifolia*, Benth.
 5. *Solanum nigrum*, L.
 6. *Castilleja tenuiflora*, Bth.
 7. *Lamourea cordata*, Cham. & Schb.
 8. *Mimulus glabratus*, HBK., var. *adscendens*, Gray.
 9. *Mimulus glabratus*, HBK., var. *adscendens*, Gray.
 40. " *dentilobus* Rob. & Fern. n. sp.
 1. *Dicliptera cuneipunctata*, Juss.
 2. *Elytharia tridentata*, Vahl.
 3. *Tetramecium hispidum*, Des.
 4. *Lantana involucrata*, L.
 5. *Verbera Aubletia*, L.
 6. " "
 47. *Buddleia lanceolata*, Benth.?
 8. *Verbena polystachya*, HBK.
 9. *Sarcia elegans*, Vahl.
 50. *Erythra Seemani*, Gray.
 1. *Sarcia micropunctata*, Rob. & Fern. n. sp.

- 452. *Salvia leptocladra*, Mart. & Gal.
- 453. *Stachys coccinea*, Jacq.
- 4. *Gomphrena Sondrae*, Torr.
- 5.
- 6. *Phytolacca octandra*, L.
- 7. *Euphorbia polycarpa*, Benth. var. *vestita*, Watson
- 8. " *albomarginata*, Fols.
- 9. *Euphorbia* ~~*stenophylla*, Benth.~~ *adenophora*, Engelm.
- 60. " *euphrosperma*, Boiss.
- 1. *Euphorbia subreniformis*, Watson.
- 2. *Euphorbia colocata*, Engelm.
- 3. " *florida*, Engelm.
- 4. *Alnus acuminata*, HBK.
- 5. *Quercus grisea*, Liebm.
- 6. *Quercus oblongifolia*, Torr.
- 7. *Quercus oblongifolia*, Torr.
- 8. *Quercus* sp. = 342
- 9. *Washingtonia* sp. ?
- 70. *Cyperus incompletus*, Link.
- 1. *Eragrostis major*, Hook.
- 2. *Callia pappophoroides*, Kunth.
- 3. *Pinus Montezumae*, Lamb.
- 4. *Pseudotsuga Douglasii*, Mill.
- 5. *Pinus cembroides*, Mill.
- 6. *Juniperus Mexicana*, Schied.
- 7. *Pinus reflexa*, Engelm.
- 8. *Adiantum capillus-veneris*, L.
- 9. *Polypodium thysanolepis*, A. Br.
- 80. *Polypodium canaliculatum*, L.

481. *Ancinina tomentosa*, Mart., var. *fulva*, Hook. & Presl.
 2. *Gymnogramme Ehrenbergiana*, Klotzsch.
 3. *Notholaena Hookeri*, Eaton.
 4. *Gymnogramme triangularis*, Kaulf.
 5. *Cleusa atropurpurea*, Link.
 6. *Notholaena pinnata*, Kaulf.
 7. *Notholaena ferruginea*, Hook.
 8. *Notholaena pinnata*, Kaulf.
 9. *Notholaena nivea*, Desv.
 10. *Notholaena nivea*, Desv.
 1. *Asplenium Nicholsonianum*, L., var. *repens*, Davenport.
 2. *Cheilanthes Lindheimeri*, Hook.
 3. *Cheilanthes Lindheimeri*, Hook.
 4. *Cheilanthes tomentosa*, Link.
 5. *Notholaena candida*, Hook.
 6. *Notholaena Lemmonii*, Eaton.
 7. *Woodia obtusa*, Torr.
 8. *Cheilanthes Wrightii*, Hook.
 9. *Cheilanthes leudigera*, Swartz.
 500. " *microphylla*, Swg.
 1. *Cheilanthes microphylla*, Swg.
 2. *Cheilanthes Pringlei*, Davenport.
 3. *Asplenium Glenziei*, Baker.
 4. *Selaginella rupestris*, Spring.
 5. *Selaginella rupestris*, Spring.
 6. *Selaginella lepidophylla*, Spr.
 7.
 8.
 509. *Euphorbia Brasilensis* Lam.?

Prof Alfred Dugès Apr. 16, '94 - May 25.

- No 301. Chachamole ou Cabeza de negro. Nymphaea gracilis, Jucc.
 287^{his} Anoda hastata, Cav.
 287^{qualis} Abutilon trilobatum, Herms.
 283. "Monacillos" Abutilon striatum, Dicks (cult. from Brazil)
 α Ayenia Berlandieri, Wats.
 272. "Encendedor" Gaudichaudia filipendula, Juss.
 352. Ceanothus azureus, Desf.
 372. Cadiospermum halicacabum, L.
 243. "Jicma del cerro" Crataegia pumila, Ort.
 245A "Enajito" Crataegia incana, L.
 249. "Yuba de San Marcos" Lupinus bilanceatus, Bth.
 "Trebol" Melilotus parviflora, Desf.
 "Rifle rouge" Hedysarum coronarium, L. (Int. from Eu.)
 i. Coloquia pulchella, HBK.
 243. Phascolus heterophyllus, Willd.
 Cassia with "fruit abnormal" C. leptocarpa, Bth.
 f. "Dalea neglecta?" Dalea alopecuroides Willd.
 S. "Limoncillo" Dalea citroidora, Willd.
 257¹ Acacia Eucorymba, Bth.
 "Tepame" Acacia pennatula Bth.
 h. "Timbe" Acacia filicina, Willd.
 239 "Tepehuaji" Cassia polyantha, Moc. & Less.
 x Cotoneaster denticulata, A.D.R.
 288 "Perla de Cuba" = Herria rosea, Fiana.
 303. Oenothera rosea, Ait.
 "Lopezia" L. pumila, Bonpl.
 308. Lopezia trichota, Schl.

- u Eupragium senatum, Cav.
 311. "Acocote" Prionoxesidium Watsoni, C. & K.
 "Ahuecatillo" Garrya laurifolia, Bth.
 364. "Zarcillo", Bauvaedia hypoleuca, Bth.
 274. "Yerba del aire" Stevia glutinosa, var. oxyacana, DC.
 7 Stevia senata, Cav.
 9. "tatalencho", Gymnospermum corymbosum, DC.
 fr. "Gordolobo" Erigeron gnaphalioides, HBK.
 C. "Escobilla" Schkuria Hopkirkia, Gray.
 475. "yerba de la mula", Stevia salicifolia, Cav.
 450 "Gordolobo" Gnaphalium semiamplexicaule, DC.
 7 Gnaphalium Gnengeli, H. & A.
 426. "Ciéritos" Ageratum corymbosum Zucc.
 451 "Burros", Senecio heracleifolius, Hemsl.
 MM Trixis obvallata, H. & A.
 460A Parthenium lyratum, Gray.
 "Españadeña" Hymenatherum Greggii, Gray.
 456. Montanoa patens, Gray.
 "Fiene", Fraxinus viridis, Mx., var. Belaudieriana, G.
 Nicotiana = n. trigonophylla, Dunal.
 105. "Taraumara" Asclepias lanuginosa, HBK.
 8 Asclepias brachystephana, Eycl.
 Myrsin - from Orizaba. Parathesis crenulata, H. & K.
 93. "Frayles", Thereticia Iccothi, DC., var. glabra, DC.
 207. "Yelera", Gentiana spathacea, HBK.
 99. "Flor del muerto" Gonolobus atratus, Gray.
 416.B. Solanum elaeagnifolium, Cav.
 115. "Mala mujer" Solanum rostratum, Dunal.

- y. Solanum nigrum.
 376. Russellia retrosa, Greene.
 114. "Fronadon" Tecoma mollis, HBK.
 228B. Salvia nana, HBK.
 228A. Salvia axillaris, Moq. & Less.
 f. Salvia laucalate, Willd.
 W. "Le' de yerbabuena" Mentha aquatica, L.
 "Poles" Mentha amensis, L.
 313. Aphyllon Dufresii, Wats.
 325. Plantago Patagonica, Jacq.
 338 "Moco de pavo" Polygonum Mexicana, Small.
 335. Rumex crispus, L. "Lengua la vaca".
 202B. Euphorbia graminea, Jacq.
 202C Euphorbia euphospemma, Boiss.
 NN ~~Salix Humbol~~
 54 "Botella" Onithopalum longibracteatum, Jacq.
 d Radecantia Disgrega, Kth.
 28. Radecantia crassifolia, Cav.
 31. "Yrba del pollo" Commelina Virginica, L.
 34. Cyperus incompletus, Link.
 34B. Fimbristylis autumnalis, R. & S.
 ✚ Hilania cenchroides, HBK.
 Grama Panicum obtusum, HBK.
 — — Heteropogon contortus, R. & S.
 K. no 1. Bouteloua hisuta, Lag.
 K. no 2 Setaria glauca, Beauv.
 † "Camaloti" Panicum Cus-falli, L.
 C Eragrostis major, Ait.

- 24 *Chloris elegans*, HbK.
 o. *Paspalum distichum*, L.
 l. *Chloris virgata*, Swartz.
 "Maiz de España" *Porghum saccharatum*.
 g *Muhlenbergia rigida*, Trin.
 10 " "
 e. *Polypodium crassifolium*, L.
 5. *Rotholaena ferruginea*, Hook
 n " *sinuata*, Hook.
 3 *Cheilanthes myriophylla*, Desv.
 m. *Pellaea Seemannii*, Hook.
 111. *Bignonia buccinatoria*.

The following seed planted in the garden -

- x. a. *Cedrela Dufesi*, Watson. ?
 2. b. *Mirabilis jalapa*, ?
 3. c. *Agafriau* (anomalous *Euphorb.*) ^{agafriau}
 4. d. *Prionosciadium Watsoni*, C. & R. ?
 5. e. Grass — near *Chloris*. *Panicum Crus Galli*

April 19. '94.

Prof. Owen Nelson. Laramie, Wyo.

1. *Gnaphalium ramosissimum*, T. & G.
2. *Aster Parryi*, Gray. pubescent.
3. *Hydrophyllum*, Torr. & G. glabrous -
4. *Chenopodium leptophyllum*, Nutt.
5. to young!
6. *Samolus calycina*, Meyer
7. *Sibbaldia procumbens*, L.
8. *Monolepis chenopodioides*, Moq.
9. *Veronica alpina*, L.
10. *Artemisia dracunculoides*, Pursh.
11. *Balsamorhiza sagittata*, Nutt.
12. *Euthiergia Euthamiae*, Torr. & G.
13. *Arnica latifolia*, Rouq.
14. to young!
15. *Cardamine Brewerii*, Watson.
16. *Trasturtium sinuatum*, Nutt.
17. *Sphaeralcea innuana*, Spach.
18. *Oenothera* - to young.
19. *Eriogonum alatum*, Torr.
20. *Oenothera pinnatifida*, Nutt.
21. *Eurotia lanata*, Moq.
22. *Krynitzkia fulvocaulis*, Gray.
23. " *glomerata*, Gray.
24. *Emicus ochrocentrus*, Gray (smooth!)
25. *Emicus undulatus*, Gray, var. *canescens*, Gray.
26. *Salidago elongata*, Nutt.
27. *Tropimorpha glaucum*, Nutt., var. *laciniatum*, Gray.
28. *Vesicaria Ludoviciana*, DC.

28. *Helianthus giganteus*, L.
 29. *Aster foliaceus*, Lindl.
 30. *Graphalium palustre*, Nutt.
 31. *Castilleja miniata*, Dougl.
 32. " "
 33. *Delphinium dictichum*, Gray.
 34. *Erigeron ursinus*, Eaton.
 35. " *pusillus*, Nutt.
 36. " *glabellus*, Nutt.
 37. *Galium boreale*, L.
 38. *Aplopappus asauis*, Gray.
 39. *Gymnoloma multiflora*, Benth. & Hook.
 40. *Erigeron glabellus*, Nutt. - apparently -
 41. *Arnica foliosa*, Nutt. near var. *incana*, Gray.
 42. ~~*Vesicaria Wardii*, Watson.~~ *Physaria didymocarpa*, Gray.
 43. *Vesicaria Ludoviciana*, DC.

Tray 1-

1894.

Colorado Plant from S. H. Comp -

- " *Ranunculus Escholtzii*, Schl.
 2. *Ranunculus Escholtzii*, Schl.
 3. *Ranunculus Escholtzii*, Schl.
 4. " *Tracaulleyi*, Gray.
 5. *Pedicularis scopulorum*, Gray.
 6. *Chrysopsis villosa*, Nutt.
 7. *Castilleja pallida*, var. *septentrionalis*.
 8. *Castilleja pallida*, var. *septentrionalis*.

9. *O. laelia glandulosa*, Nutt.
10. *Sullivantia Oregana*, Watson.
- 11.
12. *Erigeron ursinus*, Eaton (another than ; 3)
13. " *grandiflorus*, Hook., var. *clatior*, Gray.
14. " *salsuginens*, Gray, var. *glacialis*, Gray.
15. *Saxifraga caespitosa*, Gray.
16. *Townsendia Rothrockii*, Gray.
17. No young!
18. *Pentstemon glaucus*, Gray.
19. *Arenaria discolor*, Dougl.
20. *Erigeron uniflorus*, L.
21. " "
22. *Potentilla Pennsylvanica*, L.
23. *Cerastium alpinum*, L., var. *Deerinianum*, F. & G.
24. *Trifolium Parryi*, Gray.
25. *Trifolium dasyphyllum*, Fow. & Gr.
26. *Trifolium dasyphyllum*, Fow. & Gray.
27. *Arenaria Boivegia*, Fries.
28. *Trifolium longipes*, Nutt.
29. *Aster canescens*, Pursh, var. *viscosus*, Gray.
30. " " " " "
31. *Chamaectis Douglasii*, var. *alpina*.
32. *Pucedanum fœniculatum*, Nutt.
33. *Pentstemon linarioides*, var. *Sileri*, ? for security.
34. *Pentstemon caeruleus*, Nutt.
35. " *secundiflorus*, Beath.
36. *Pentstemon glaber*, Pursh.

37. *Epilobium Hornemannii*, Reichenb.
 38. *Epilobium adenocaulon*, Haussk?
 39. *Chaenactis Stevioides*, Hook & Arn.
 40. *Succio petraeus* Gray.
 41. " *aureus* L., var. *compactus*, Gray.
 42. " " var. *croceus*, Gray.
 43. " " " " "
 44. ? ? too scanty.
 45. *Erigeron concinnus*, Torr. & Gr.
 46. *Thelypodium aureum*, Eastwood.
 47. *Succio aureus*, L., var. *croceus* - Gray.
 48. *Aplopappus pygmaeus*, Gray.
 no number. *Musenium divaricatum*, Nutt.

Chihauhua Plants coll. by Hartman.
 & Sinaba

570. *Ranunculus Hookeri*, Schlecht.
 - 1. *Hieracium macrophyllum*, DC.
 2. *Senecio inviolata*, Kunze.
 3. *Ilex rubra*, Wats.
 - 4. *Euscaphia pulcherrima*, Bratz.
 5. " *platyloba*, Watson.
 6. *Diphysa racemosa*, Rose.
 7. *Lespedeza microphylla* - fr = *Lespedeza angustifolia*, L.
 8. *Willardia Mexicana*, Rose.
 9. *Minuartia asperata*, L.
 20. *Acacia cochleocarpa*, Hook.
 1. *Senecio anisus* L. var. *compactus*, Gray.
 2. *Senecio angustifolius*, DC.
 3. *Bellis orthopoda*, Rob. & Fern. n. sp.
 4. *Lobelia nana*, HBK.
 - 5. " "
 6. *Arbutus glandulosa*, Nutt. & Gal.
 7. *Vaccinium* - ?
 8. *Arbutus* ?
 9. *Pinnularia Mexicana*, Lodd.
 30. *Asclepias setosa*, Benth.
 1. *Veronica Americana*, Schum.
 2. *Pinguicula caudata*, Schlecht.
 3. *Utricularia denticulata*, Benj., ex char.
 4. *Stemmadenia Palmeri*, Rose.
 5. *Coccoloba Orizabae*, Lindau, fide Authan.

536. *Sterculia* ?

7. *Ficus radulina*, Watson.
8. *Pinus latiquama*, Engelm.
9. *Pseudotsuga Douglasii*, Engelm.
40. *Pinus Chihuahuana*, Engelm.
1. *Pinus ...* Rob. & Fern. in sp.
2. *Cupressus Benthani*, Endl.
3. *Spiranthes Jaliscana*, Watson.
4. *Smilacina amplexicaulis*, Nutt.
5. *Spizelia formosissima*, Herb.
6. *Bravoa densiflora*, Rob. & Fern. 2 sp.
7. *Tillandsia Pringlei*, Watson.
- 8.
9. *Guajuma tomentosa*, H. & A.
50. *Pinus Arizonica*, Engelm.
1. *Agave (Littaea) ?*
2. *Sacimiroa edulis*,
3. *Otelia trifoliata*, L.
4. *Tephrosia Schiediana*, Scht.
5. *Quoda Arizonica*, Gay.
6. *Agave yuccaeifolia*, DC.

Economic Plants Collected by Humboldt.

557. *Brassica sativa*, L.
 8. *Portulaca oleracea*, L.
 9. *Amorpha fruticosa*, Gray. = *Amorpha canescens* (L.) Gray.
 60. *Eriodendron acuminatum*, Wats.
 1. *Saximiroa edulis*, Lav. & Lex.
 2. *Viguiera decurrens*, Gray.
 3. *Casinos parviflorus*, Willd.
 4. *Bidens leucantha*, DC.
 5. *Saracha umbellata*, Don.
 6. *Vitis mollis*, HBK.
 7. *Amarantus Palmeri*, Watson.
 8. *Sebastiania* (?) *Pavoniana*, Mull. Arg. (?)
~~*ichthyophora*, Rob. & Fern., n. sp.~~
 9. *Pinus latiguama*, Engelm.
 10. *Juniperus tetragona*, Schl.
 11. *Yucca baccata*, Torr.
 2. " *macrocarpa*, Engelm.?
 3. *Agave planifolia*, Watson.
 4. " *variegata*, Benth.?
 5. *Agave heteracantha* Juss.?
 6. *Silene acaulis*, L.
 7. Grass, only leaves.

see also nos. 537, 548, 549, 553, 554, 556, 819

Collected by Hartman,
Chihuahua, 1891.

13

June 5, 1894

- 578 *Cepidium* ~~asp.~~ *juglandifolium*. (nobiles)
9 *Aphyllon fasciculatum*, Gray.
80 *Androsace occidentalis*, Pursh.
1 *Sisyrinchium anceps*, Cav.
2 *Parietaria floridana*, Nutt.
3 *Castilleja minor*, Gray.
4 *Quercus hypoleuca*, Engelm.
5 *Rhamnus Purshiana*, DC.
6 *Fendlera rupicola*, Engelm. & Gray.
7 *Alburtus Kalapensis*, HBK.
8 *Juglans rupestris*, Engelm.
9 *Rhus toxicodendron*, L.
! 90 *Viola pteropoda*, Hemsl. ex char.
1 *Townsendia Wilcoxiana*, Hood.
2 *Acetostaphylos pungens*, HBK.
3 *Cerastium Texanum*, Britton.
4 *Erigeron flabellatus*, Gray.
5 *Astragalus parvus*, Hemsl.
6 *Gilia inconspicua*, Dougl., var. *sinuata*, Gray.
7 *Cercis polyacanthus*, Engelm.
8 *Castilleja integra*, Gray.
9 *Euphorbia radians*, Benth.
600 *Coronaria aurea*, Willd., var. *occidentalis*, Gray.
1 *Oenothera triloba*, Nutt.
2 *Actinella odorata*, Gray.
3 *Evolvulus sericeus*, Dr.
! 4 *Marsilia mollis*, Rob. & Fern. n. sp.

- 605 *Astragalus Bigelovii*, Gray.
 6 *Oenothera albicaulis*, Nutt.
 7 *Malacothrix Fendleri*, Gray.
 8 *Verbena Xutha*, Lehm.
 9 *Pectis longipes*, Gray.
 10 *Ceratophyllum demersum*, L.
 1 *Eleocharis* — to young
 2 *Krynitzkia crassiseptala*, Gray.
 3 *Minimus luteus*, L.
 4 *Agalla Caroliniana*, Willd.
 5 *Lesquerella Gordonii*, Watson.
 6 *Fallugia paradoxa*, Torr.
 7 *Bulandiera lyrata*, Benth.
 8 *Rumex hymenosepalus*, Torr.
 9 *Myosurus Pringlei*, Nutt.
 20 *Carex occidentalis*, Bailey.
 1 *Eriogon flavellais*, Gray.
 2 *Astragalus Arizonicus*, Gray.
 3 *Senecio Neo-Mexicanus*, Gray.
 4 *Linaria Canadensis*, Drumont
 5 *Salix taraxacifolia*, HBK.
 6 *Polox nana*, Nutt.
 7 *Carpochaete Bigelovii*, Gray.
 8 *Ceanothus texifolius*, Willd.
 9 *Thelypodium auriculatum*, Wats.
 30 *Astragalus nothofus*, Gray?
 1 *Castilleja sessiliflora*, Pursh.
 2 *Plantago Virginica*, L.

- 633 *Quercus oblongifolia*, Torr.
 4 *Dalea polycephala*, Bth.
 5 *Leonica peregrina*, L.
 6 *Lupinus Leonensis*, Wats.
 7 *Cerastium brachypodium*, Robinson.
 8 *Patentilla subviscosa*, Greene.
 9 *Asaackea rigida*, Bth., var. *mollis*, Gray.

40

- 1 *Townsendia Wilcoxiana*, Wood.
 2 *Ephedra trifurca*, Torr.
 3 *Naua hispidum*, Gray.
 4 *Sisymbrium canescens*, Nutt. var.
 5 *Astragalus triflorus*, Gray.
 6 *Phacelia caerulea*, Greene.
 7 *Lepidium intermedium*, Gray.
 8 *Lepidium intermedium*, Gray.
 9 *Sisymbrium Cuningianum*, F. M.
 50 *Specularia perfoliata*, A. DC.
 1 *Phacelia Neo-Mexicana*, Thurber.
 2 *Oenothera rosea*, Ait.
 3 *Stephanomeria Thurberi*, Gray.
 4 *Eriogonum Abertianum*, Torr.
 5 *Sisyrinchium scabrum*, Cham. & Schlecht.
 6 *Thelaspisma gracile*, Gray.
 7 *Castilleja sessiliflora*, Pursh.
 8 *Heliotropium Curassavicum*, L.
 9 *Paspalum distichum*, L.
 60 *Epilobium Boruplandianum*, Kth. ?

- 661 *Polypogon monspeliensis*, Desf.
 2 *Jussiaea repens*, L.
 3 *Asclepias Mexicana*, Cav.
 4 *Thilotos pumiflora*, Desf.
 5 *Erythraea calycosa*, Buckl., var.
 6 *Ranunculus stolonifer*, Hemsl.
 7 *Asclepias nummularia*, Torr.
 8 *Penstemon acuminatus*, Dougl.
 9 *Euphorbia campestris*, Cham. & Schl., var. *esulaeformis*, Bosc.
 70 *Saileya multiradiata*, Gray, var. *mediculis*, Gray.
 1 *Penstemon puniceus*, Gray.
 2 *Cnicus Neo-Mexicanus*, Gray.
 3 *Argemone platyceras*, Link & Otto.
 4 *Aster cuneifolius*, Roth.
 5 *Oenothera Wrightii*, Gray.
 6 *Sonchus oleraceus*, L.
 7 *Unquadia speciosa*, Endl.
 8 *Astragalus Yaguianus*, Wats.
 9 *Cercopholis Mexicana*, Gray.
 80 *Ranunculus circinatus*, Sibth.
 1 *Hieracium sanguinea*, Engelm.
 2 *Gilia floribunda*, Gray.
 3 *Erigeron diversus*, Torr. & Gr., var. *cineus*, Gray.
 4 *Silene antirrhina*, L.
 5 *Specularia perfoliata*, A. DC.
 6 *Phacelia rupicola*, Rob. & Fern. n.sp.
 7 *Carex involuta*, Rob. & Fern. n.sp. new
 8 *Lathyrus polymorphus*, Nutt.

- 689 *Nothocordium striatum*, Kunth.
 90 *Senecio Tolucanus*, DC., var. *modestus*, Sch. Bip.
 1 *Populus Fremonti*, Wats., var.? *Wislizeni*, Wats.?
 2 *Geranium incisum*, Nutt.
 3 *Sisyrinchium bellum*, Wats.
 4 *Ranunculus Arizonicus*, Lemmon, var. *subaffinis*, Gray
 (achenes glabrous)
 5 *Pentstemon campanulatus*, Willd.
 6 *Rubus Mtkanus*, Moe. & Sessi
 ! 7 *Aster lepidopodus*, Rob. & Fern. n.sp.
 8 *Hieracium Fendleri*, Sch. Bip.
 9 *Gilia floribunda*, Gray.
 700 *Geum triflorum*, Pursh.
 1 *Hieracium sanguinea*, Engelm.
 2 *Aster canescens*, Pursh.
 3 *Aphyllon fasciculatum*, Gray.
 4 *Lactuca Ludoviciana*, DC.
 5 *Houstonia missouriensis*
 ! 6 *Spiranthes ramentacea*, Lindl. ex char.
 7 *Pedicularis Canadensis*, L.
 8 *Cornus stolonifera*, Michx.
 9 *Cardamine hirsuta*, L.
 ! 10 *Spiranthes velata*, Rob. & Fern. n.sp.
 1 *Habenaria Thurberi*, Gray.
 2 *Ceanothus Hartwegii*, Benth.
 ! 3 *Quercus coccifolia*, HBK. ex char.
 4 *Lithospermum Cobrense*, Greene.
 5 *Pentstemon baccharis*, Nutt., var. *Torreyi*, Gray.
 6 *Populus angustifolia*, James.

- 717 *Erythraea calycosa*, Buckl.
 8 *Maurandia Wislizeni*, Engelm.
 - 9 *Rhamnus Purshiana*, DC. (peduncles short)
 20 *Pinusappus roseus*, Less.
 1 *Asclepias tuberosa* L.
 2 *Dalca scoparia*, Gray.
 3 *Atriplex acanthocarpa*, Wats. var.
 4 *Aucosia tomentosa*, Torr. (narrow leaved form)
 5 *Aquilegia chrysantha*, Gray.
 6 *Riddelia tagetina*, L.
 7 *Cladothrix lanuginosa*, Nutt.
 8 *Talinum aurantiacum*, Engelm.
 9 *Erioforum Wrightii*, Torr.
 30 *Mouada punctata* L.
 1 *Erioforum annuum*, Nutt.
 2 *Mimosa dysocarpa*, Btl.
 - 3 *Adolphia infecta*, Meisn.
 4 *Zephyranthes aurea*, Wats.
 5 *Gonolobus Chihuahuensis*, Gray.
 - 6 *Valeriana sorbifolia*, HBK.
 7 *Tigridia Pringlei*, Wats.
 8 *Salvia Lemmonii*, Gray.
 9 *Lopezia gracilis*, Wats.
 40 *Oreomodion Thurberi*, Gray.
 1 *Lepachys Mexicana*, Wats.
 2 *Linum perenne*, L.
 3 *Oxybaphus Myetaphicus*, var. *oblongifolius*, Gray.
 4 *Salvia lanceolata*, Willd. (slender form).

- 119
- 745 *Silene Pringlei*, Wats.
 - 6 *Delphinium scopulorum*, Gray.
 - 7 *Sabazia microglossa*, DC., var. *pubescula*, DC.
 - 8 *Urtica Brewerii*, Watson.
 - 9 *Salvia filiaefolia*, Vahl.
 - 50 *Thalictrum Fendleri*, Engelm., var. *Wrightii*, Gray.
 - 1 *Thalictrum Hemandegii*, Fausch.?
 - 2 *Eupatorium Rothrockii*, Gray.
 - 3 *Saxifraga reflexa*, Hook.
 - 4 *Muhlenbergia* sp.?
 - 5 *Datura quercifolia*, HBK.
 - 6 *Ceanothus sinuata*, Lag.
 - 7 *Senecio Douglasii*, DC.
 - 8 *Gutierrezia Euthamiae*, Torr. & Gray.
 - 9 *Bigelovia Wrightii*, Gray.
 - 60 *Eriogonum virgatum*, Benth.
 - 1 *Mirabilis jalapa*, L.
 - 2 *Euphorbia campestris*, Cham. & Schlecht.
 - 3 *Tradescantia Disgrega*, Kunth.
 - 4 *Euphorbia Plummerae*, Wats.
 - 5 *Xanthocephalum Wrightii*, Gray.
 - 6 *Hymenothrix Palmeri*, Gray.
 - 7 *Gerardia Wrightii*, Gray.
 - 8 *Bouvardia triphylla*, Salisb.
 - 9 *Anthericum Torreyi*, Baker.
 - 0 *Sicyos minimus*, Wats.
 - 1 *Salinum pauciflorum*, Nutt.
 - 2 *Thalictrum pinnatum*, Watson.

- 177 3 *Sicyas collinus*, Rob. & Fern. n. sp.
 4 *Begonia gracilis*, HBK., var. *Maiana*, A.D.C.
 5 *Brickellia Lemmonii*, Gray.
 6 *Salvia subincisa*, Benth.
 7 *Gynandromia multiflora*, Bth.
 8 *Artemisia dracunculoides*, Pursh.
 9 *Dalca filiformis*, Gray.
 80 *Eriogonum atrovirens*, Engelm.
 1 *Centaurea Alenciana*, Nutt.
 2 *Brickellia Rusbyi*, Gray.
 3 *Polygala Chihuahuensis*, Rob. & Fern. n. sp.
 4 *Silene Thurberi*, Watson.
 5 *Geranium* ~~*Mexicanum*, HBK.~~ ^{*Niblizense*, Watson.}
 6 *Prionosciadium Madreense*, Wats.
 7 *Brickellia simplex*, Gray.
 8 *Thalictrum Fendleri*, Engelm. var. *Wrightii*, Gray.
 9 *Aegopogon gracilis*, Vasey.
 90 *Panicum bulbosum*, HBK.
 1 *Geranium caespitosum*, James.
 2 *Linum multicaule*, Hook.
 3 *Muhlenbergia Beclaudicii*, Trin. ?
 4 *Cosmos parviflorus*, HBK.
 5 *Stevia salicifolia*, Cav.
 6 *Saura suffulta*, Engelm.
 7 *Sisymbrium* ^{*virginicum*} ~~*Sisymbrium*~~ *Schaffneri*, Wats.
 8 *Crucra subulata*, Gray.
 9 *Erysimum asperum*, DC.
 800 *Thelypodium linearifolium*, Wats.

- 801 *Euphorbia dentata*, Mx., var. *lasiocarpa*, Boiss.
 2 *Promus ciliatus*, L.
 3 *Epicaurpes rigens*, Benth.
 4 *Thelypodium micranthum*, Wats.
 5 *Agropyrum divergens*, Nees.
 6 *Croton corymbulosus*, Engelm.
 7 *Riddellia tagetina*, Mtt.
 8 *Chenopodium album*, L.
 9 *Parthenium incanum*, HBK.
 810 Fungus on *Asclepias brachystephana*, Engelm.
 1 *Maximowiczia Lindheimeri*, Cogn., var. *tenuisecta*, Cogn.
 2 *Encelia ablouga*, Rob. & Fern. n. sp.
 3 *Frauseria niva*, Rob. & Fern. n. sp.
 4 *Panicum leucophaeum*, HBK.
 5 *Cenchrus tribuloides*, L.
 6 *Asclepias longicornis*, Benth.
 7 *Pectis angustifolia*, Torr.
 8 *Sisymbrium caesceus*, Mtt.
 9 *Promus Caroliniana*, Ait.

615 species

A. Dugès.

July 9, 1894.

472. "Capitaneja"

Peckesia sphaerocephala, Gr.

303.

Sama villosa, Torr.

"Anacahuitz"

Ehretia elliptica, DC.

H. Fér.

Senecio salignus, DC.

H. Mss.

Hyptis alba, HBK.

July 14.

Mrs. D. H. Sheldon. Plants from various
parts of Central Mexico.

1. Aspidium patens, Swg.
2. Cheilanthes microphylla, Swg.
3. Gymnogramme pilosa, Moq.
- 4.
5. Gymnospermum corymbosum, Gray.
6. Eucinde lobata, Gray.
7. Streptos Drummondii, Bth.
8. Antigonon cinerascens, Mart. & Gal.
9. Sabal Mexicana, Mart.
10. Vitex mollis, HBK.
11. Gynonima cotinifolia, HBK.
12. Convolvulum farinosum, HBK.
- 13.
14. Stebania longifolia, DC. exchar.
15. Leucaena pulverulenta, Bth.
16. Cassia occidentalis, L.
17. Crotalaria eriocarpa, Bth.

18. *Senecio salignus*, DC.
19. *Loranthus calyculatus*, DC.
20. ~~*Pithecolobium aureum*, Bth.~~
~~*Mimosa lucida*, Bth.~~
21. *Cevallia pinnata*, Lag.
22. *Humilia patens*, Jacq.
23. *Malva viscus arborescens*, Cav.
24. *Echinopteryx lappula*, Juss.
25. *Bidens odorata*, Cav.
26. *Fithonia tubaeformis*, Cass.
27. *Lauraceae*?
28. *Hymenatherum pentachætum*, DC.
- 29.
30. *Acacia Farnesiana*, Willd.
31. *Prosopis juliflora*, DC.

51. *Parthenium ligatum*, Gay.
52. *Pithecolobium currenii*, DC. ex char.
53. *Sphaeralcea Fendleri*, Gay.
54. *Eupatorium monanthum*, Sch. Bip.
55. *Euphorbia adenoptera*, Presl.
" *albomarginata*, B.S.
56. *Lopezia hirsuta*, Jacq.
57. *Piper molle*.

Without numbers -

Jasminum grandiflorum L.

Rosa

Melia azadiract, L.

Eupatorium monanthum, Sch. Bip.

- Crucra brachyphylla*, Ch. & Schl.
Cuscuta parthenium, Pers.
Eresine interrupta, Bth.
Verbena tubetia.
Mimbalbagia nandis, Juss.
Ipomoea puncticulata, Bth.
Commersonia corymbosa, Hay.
Lantana velutina, M & G.
Plumbago scandens.
Bougainvillea spectabilis, Juss.
Lantana horrida, HBK.
Calceolifolia, DC.
Eupatorium Bigelovii, Hay.
 " *Schaffneri*, Sch. Bip.
 " *quadricaulis*, DC.
Citrus aurantiacum, L.
Triandria viridiflora, Baker. ?
Colepodium incanum, L.
 "

L.B. Parish.

Oct. 18, 1894.

2990. *Populus angustifolia*, James
 3228. *Stephanomeria myrioclada*, Eaton
 3064. *Silene platyota*, Nats. = 1799.
 3014. *Viola canina*, var. *adunca*, Gray.
 3116. *Mimulus Fremonti*, Gray = 116.
 3222. *Gadetia Trulla*, Nats.
 3311. *Lupinus Grayi*, Nats.
 3398. *Viola canina*, var. *adunca*, Gray.
 3411. *Delphinium Lesperianum*, Gray
 3310. probably *Trifolium Rushyi*, Greene.
 3392. *Mimulus Fremonti*, Gray.
 3351. *Shepherdia caupestris*, Nats.
 3249. *Limnoscilla aquatica*, L., var. *tennifolia*, Hoffm.
 3247. *Keymizelia californica*, Gray.

Oct. 23, - Nov. 10, 1894.

Heavy Auxiliary Expedition - 1894

1. *Epilobium angustifolium*, L.
2. *Festuca ovina*, L., var. *brevifolia*, Vats.
3. *Trisetum subspicatum*, Beauv., var. *molle*, Gray.
4. *Calamagrostis phragmitoides*, Hartm.
5. *Hierochloa alpina*, R. & S.
6. *Eriophorum Schenckheri*, Hoppe.
7. ~~*Betula nana*, L.~~ *Eupetrum nigrum*, L.
8. *Betula nana*, L.
9. *Polygonum viviparum*, L.
10. *Pyrola rotundifolia*, L., var. *humilis*, Hook.
11. *Thayxaceum officinale*, Weber.
12. *Sibbaldia procumbens*, L.
13. *Raphanus Raphanistrum*, L.
14. *Stellaria media*, Cyrillo.
15. *Papaver nudicaule*, L., var. *aesticum*, Elkan.
16. *Dryas incana*, L., var. *confusa*, Poir.
17. *Dryas octapetala*, L., var. *integifolia*, Ch. & S.
18. *Potentilla nivalis*, L.
19. *Oxyria digyna*, Hill.
20. *Antennaria alpina*, Gaertn.
21. *Cassiope tetragona*, Don.
22. *Pyrola rotundifolia*, L., var. *humilis*, Hook.
23. *Vaccinium uliginosum*, L., var. *mucronatum*, Widen.
24. *Saxifraga tricuspidata*, Retz.
25. *Epilobium latifolium*, L.
26. *Polygonum viviparum*, L.

27. *Diapensia Lappunica*, L.
28. *Carex rigida*, Gooden., var. *Goodenovii*, Bailey.
29. *Eriophorum Scheuchzeri*, Hoppe.
30. *Hierochloa alpina*, R. & S.
31. *Cystopteris fragilis*, Bernh.
32. *Aspidium spinulosum*, Brz., var. *dilitatum*, Hook.
33. *Stellaria longipes*, Goldie, var. *Edwardsonii*, Wats.
34. *Silene acaulis*, L.
35. *Lychnis triflora*, R. Br.
36. ~~B~~ *Cystopteris fragilis*, Bernh.
37. *Aspidium flagrans*, Swartz.
38. *Hierochloa alpina*, R. & S.
39. *Empetrum nigrum*, L.
40. *Saxifraga tricuspidata*, Retz.
41. *Cassiope tetragona*, Don.
42. *Pyrola rotundifolia*, L., var. *pusilla*, Hook.
43. *Potentilla frigida*, Vill.
44. *Papaver nudicaule*, L., var. *aeticum*, Elkar.
45. *Lychnis triflora*, R. Br.
46. *Cerastium alpinum*, L.
47. *Stellaria humifusa*, Roth.
48. *Alopecurus alpinus*, Sm.
49. " "
50. *Lycopodium Selago*, L.
51. *Carex scirpoides*, Michx.
52. *Equisetum arvense*, L.
53. *Empetrum nigrum*, L.
54. *Betula nana*, L.

55. *Bartsia alpina*, L.
56. *Pedicularis hirsuta*, L.
57. " *Laugsdorffii*, Fisch., var. *lanata*, Gay.
58. " *flammea*, L.
59. *Therstesia maritima*, Don.
60. *Diapensia Lappouica*, L.
61. *Vaccinium uliginosum*, L., var. *mucronatum*, Huds.
62. *Cassiope tetragona*, Don.
63. *Pyrola rotundifolia*, L., var. *pusilla*, Hook.
64. *Rhododendron Lappouicum*, Wahl.
65. *Armeria vulgaris*, Willd.
66. *Saxifraga tricuspidata*, Retz.
67. " *caespitosa*, L.
68. " *oppositifolia*, L.
69. *Dryas octapetala*, L., var. *integrifolia*, Cr.
70. *Potentilla niva*, L. (*P. Vahliaua*, Schum.)
71. *Silene acaulis*, L.
72. *Arenaria peplodes*, L.
73. *Papaver nudicaule*, L., var. *austriacum*, Elkan.
74. *Cerastium alpinum*, L.
75. *Pedicularis Laugsdorffii*, Fisch., var. *lanata*, Gay.
76. *Cerastium alpinum*, L.
77. *Anabis alpina*, L.
78. *Ranunculus nivalis*, L.
79. *Saxifraga caespitosa*, L.
80. " *oppositifolia*, L.
81. *Dryas octapetala*, L., var. *integrifolia*, Cr.
82. *Potentilla niva*, L. (*P. Vahliaua*, Schum.)

83. *Silene acaulis* L.
84. *Papaver nudicaule*, L., var. *aeticum*, Elkan.
85. *Anemone alpina*, Olin.
86. *Pyrola rotundifolia*, L., var. *humilis*, Hook.
87. *Cassiope tetragona*, Don.
88. *Rhododendron Lapponicum*, Wall.
89. *Vaccinium uliginosum*, L., var. *mucronatum*, Weder.
90. *Bryanthus asifolius*, Gray.
91. *Pedicularis Laugsdoffii*, Fisch., var. *laevata*, Gray.
92. " *hirsuta* L.
93. " *Lapponica*, L.
94. *Cypripedium acaule*, Hill.
95. *Polygonum viviparum*, L.
96. *Deschampsia alpina*, R. & S.
97. *Cystopteris fragilis*, Bernh.
98. *Cerastium alpinum*, L.
99. *Saxifraga oppositifolia*, L.
100. *Stentella nivea*, L. (*P. Vahleana*, Lehmann)
101. *Phippia algida*, R. Br.
102. *Cerastium alpinum*, L.
103. *Luzula acuminata*, Meyer.
104. *Carex maritima*, Fries.
105. *Cypripedium acaule*, Hill.
106. *Cassiope tetragona*, Don.
107. *Silene acaulis*, L.
108. *Papaver nudicaule*, var. *aeticum*, Elkan.
109. *Dryas octopetala*, L., var. *integrifolia*, C. & S.
110. *Saxifraga oppositifolia*, L.

111. *Deschampsia brevifolia*, R. Br.
112. *Poa cenisca*, All.
113. *Actagrostis latifolium*, Ledeb.
114. *Carex rigida*, Good. var. *Goodenovii*, Bailey
115. " *misandra*, R. Br.
116. *Eriophorum polystachyon*, L.
117. " *Scheuchzeri*, Hoppe.
118. *Tofieldia palustris*, Huds.
119. *Cypera digyna*, Will.
120. *Polygonum viviparum*, L.
121. *Vaccinium uliginosum*, L., var. *mucronatum*, W. & A.
122. *Armeria vulgaris*, Willd.
123. *Cassiope tetragona*, Don.
124. *Saxifraga cernua*, L.
125. *Montia fontana*, L.
126. *Saxifraga oppositifolia*, L.
127. *Epilobium latifolium*, L.
128. *Dryas octopetala*, L., var. *integrifolia*, C. & S.
129. *Silene acaulis*, L.
130. *Papaver nudicaule*, var. *aetivum*, Elkan.
131. *Lychnis apetala*, L.
132. *Cerastium alpinum*, L.
133. *Stellaria longipes*, Goldie ?
134. *Lychnis apetala*, L.
135. *Cerastium alpinum*, L.
136. *Carex rigida*, Good. var. *Goodenovii*, Bailey
137. *Eriophorum polystachyon*, L.
138. " *Scheuchzeri*, Hoppe

139. *Luzula acunata*, L.
 140. *Oxyria digyna*, Hill.
 141. *Arnica alpina*, Olin.
 142. *Vaccinium uliginosum*, L., var. *mucronatum*, Heider.
 143. *Armeria vulgaris*, L.
 144. *Potentilla emarginata*, Pursh.
 145. *Papaver nudicaule*, var. *aetivum*, Elkan.
 146. *Epilobium latifolium*, L.
 147. *Silene acaulis*, L.
 148. *Saxifraga oppositifolia*, L.
 149. *Dryas octopetala*, L., var. *integifolia*, C. & S.
 150. *Cerastium alpinum*, L.
 151. " "
 152. *Ranunculus pygmaeus*, Wahl.
 153. *Alapeurus alpinus*, Sm.
 154. *Saxifraga oppositifolia*, L.
 155. " *cerma*, L.
 156. *Papaver nudicaule*, var. *aetivum*, Elkan.
 157. *Cerastium alpinum*, L.
 158. " "
 159. *Lychnis apetala*, L.
 160. *Potentilla emarginata*, Pursh.
 161. *Saxifraga nivalis*, L.
 162. *Ranunculus* " L.
 163. *Papaver nudicaule*, var. *aetivum*, Elkan.
 164. *Saxifraga cerma*, L.
 165. " *oppositifolia*, L.
 166. *Dryas octopetala*, var. *integifolia*, C. & S.

167. *Pedicularis fuscata*. L.
168. *Cassiope tetragona*. Don.
169. *Oxyria digyna*. Hill.
170. *Luzula arcuata*. Meyer.
171. *Alopecurus alpinus*. L.
172. *Hierochloa alpina*. R. & S.
173. *Poa alpina*. L.
174. *Patentilla nivalis*. L.
175. *Taraxacum officinale*, Weber, var. *lividum* Koch.
176. *Armenia vulpina*. K.
177. *Oxyria digyna*. Hill.
178. *Alopecurus alpinus*. L.
179. *Poa abbreviata*. R. & S.
180. *Lychnis triflora*. R. & S.
181. *Cerastium alpinum*. L.
182. *Stellaria longipes*. Goldie, var. *Edwardii*. J. & S.
183. *Lychnis triflora*. R. & S.
184. *Saxifraga cernua*. L.
185. " *tricuspidata*. Kottb.
186. *Stellaria longipes*. Goldie, var. *Edwardii*. J. & S.
187. *Cammenulus nivalis*. L.
188. *Oxyria digyna*. Hill.
- 189.
- 190.
- 191.
- 192.
- 193.
- 194.

Henderson's Idaho Plants.

- 2729 *Trifolium plumosum*, Dougl.
 30 " *involutum*, Willd.
 31 *Lupinus lasiflorus*, Dougl. (lvs. glabrous above.)
 32 " " "
 33 " *rioularis*, Dougl.
 34 " *sulphureus*, Dougl.
 35 " *argenteus*, Pursh.
 36 " " "
 37 " *leucophyllus*, Dougl.
 38 *Lathyrus pauciflorus*, Fernald
 39 " *nevadensis*, Watson
 40 " *bijugatus*, var. *Sandbergii*, Wirtz.
 41. *Astragalus Beckwithii*, F. & B.
 42. " *Mortoni*, Nutt.
 43. " *collinus*, Dougl.
 44. " *revolutus*, Gray.
 45. *Scutellaria angustifolia*, Pursh.
 46. *Trichostema oblongum*, Benth.
 47. *Asperochiron pumilus*, Porter.
 48. *Thermopsis breviflora*, Gray.
 49. *Hydrophyllum Virginicum*, L.
 50. *Gentiana Oregana*, Engelm.
 51. *Fraxera albicaulis*, Dougl.
 52. *Geranium incisum*, Nutt.
 53. " "
 54. *Vaccinium caespitosum*, Michx., var. *abruscula*.
 55. " " var. *cuneifolium*.

- 2756, *Meuzesia glabella*, Gray.
 57, *Equisetum robustum*, A. R.
 58, " "
 59, *Alyssum calycinum*, L.
 60, *Alyx* *Sisymbrium minus*, var. *filipes*, Gray.
 61, *Draba glacialis*, Adams.
 62, *Limnospila aquatica*, L., var. *tenuifolia*, Hoffm.
 63, *Sedum Douglasii*, Hook.
 64, " *divaricatum*, Wats.
 65, *Cornus stolonifera*, Michx.
 66, " *Baileyi*, Coulter & Evans.
 67, "
 68, *Silene Scouleri*, Hook.
 69, *Urenaria capillaris*, Poir.
 70, *Phacelia Idahoensis*, Henderson, n. sp.
 71, *Silene Oregana*, Watson.
 72, *Troximon grandiflorum*, Gray.
 73, " *glaucum*, var. *dasycepalum*.
 74, " *laciniatum*, Gray.
 75, " *Mutallii*, Gray.
 76, *Microseris nutans*, Gray.
 77, " *major*, Gray.
 78, " *mutans*, Gray.
 79, *Hieracium vulgatum*, Fries.
 80, *Prenanthes alata*, Gray, var. *sagittata*, Gray.
 81, *Cnicus foliosus*, Gray.
 82, *Senecio lugens*, Richards.
 83, " " nearly var. *exaltatus*.

2784. *Arnica alpina*, Olin.
 85 *Madia sativa*, Mol., var. *racemosa*, Gray
 86 " " " "
 87 *Arnica Chamissonis*, Less.
 88 *Helianthella Douglasii*, T. & G.
 89 *Solidago serotina*, Ait.
 90 " *elongata*, Nutt.
 11. *Grindelia integrifolia*, DC.
 92 *Eigron ochroleucus*, Nutt.
 93 " *concinus*, T. & G.
 94 " *Couleri*, Gray.
 95 *Tetradymia glabrata*, Gray.
 96 *Zigadenia gabriellae*, Gray.
 97 *Aster Cubickii*, Gray, var. *Lyalli*, Gray.
 98 *Aster Hendersonii*, n. sp.
 99 *Aster Fremonti*, Gray.
 2800 " " "
 01. " *laevis*, L., var. *Geyeri*, Gray.
 02 *Aster modestus*, Lindl.
 03 " *conspicuus*, Lindl.
 04 " *multiflorus*, Ait.
 05 *Chrysopsis villosa*, Nutt.
 06 *Antennaria* { *racemosa*, Hook (male)
 plantaginifolia, (female)
 07 *Eigron uniflorus*, L.
 08 *Antennaria Caeperthica*, var. *pulcherrima*, Hook.
 09 *Alnus rhombifolia*, Nutt.
 10. " *rubra*, Bong.
 11 *Krynitzkia Toneyana*, Gray.
 11½ " *ambigua*, Gray.

- 28 12 *Amsinckia intermedia*, F. & M.
13. *Meibomia paniculata*, Don.
14 *Callitriche aerna*, L.
15 *Symphoricarpos racemosus*, Michx.
16

Prof. A. Dugès Jan. & Feb. 1895.

- 418A. Clarincillo = Senecio Guadalajarensis, Rob.
 117. Pochotl = Eriodendron aesculifolium, DC. ex chor.
 232A. Indigofera anil, L.
 62. Flor de la Calavera = Cypripedium molle, Lindl.
 496. Alfombrilla = Verbena Wrightii, Gray.
 387. Lamoureauxia rhinanthifolia, HBK.
 93. Trayle = Thevetia Yecotli, DC. var. glabra, DC.
 104A. Gonolobus uniflorus, HBK.
 458. Aplorhaphis leptoglossa, DC.
 426. Cielitas = Agratum corymbosum, Jacq.
Auisillo, ou Yerba de Sta. Maria = Sagittaria lucida, L.
Secho = Salicornia uncinulata, DC. var. obtusifolia
"Baicena Guanajuatensis, Alf. Dug." = Colubrina glomerata, Kunth.
 342. Clematis Pitcheri, T. & G.
 267. Atlauchán = Cuphea Tolucana, Peyr.
 383. Deutschemon campanulatus, Willd.
 --- Ipomoea discoidea perma, J.D. Smith, ex chor.
"Fepijilote" = Setaria caudata, R. & S., var. paucisetata, Vasey.
 486. Sisotē = Bursera Palmeri, Wats.
Uña de gato = Mimosa monancistrā, Benth.
 --- Melampodium sericeum, Lf. ex chor.
 --- Bahia schkuhrioides, Gray
 226. Salvia Lindenii, Benth.
 266A. Phoradendron corymarthron, Eich. ex chor.
 417A. Papa silaeste = Solanum tuberosum, L.
 111. Pithecotrium cinereum, DC. ex chor.
 --- Verbena polystachya, HBK.

228. Pajaros azules = Salvia patens, Cav.

Palillo - Croton morifolius, Willd. var. sphaerocarpus, Willd.

Urtica urens, L. "ortiga"

Ceratophyllum demersum, L.

13. Bomarea acutifolia, Benth.

708. Chamaedorea Schiedeana, Mart. ex char.

Aristolochia longipes, Watson.

1. Urdax = Catylodon Pachyphyllum, Baker. ex char.

82. Trachichia interrupta, Nag.

345 Ranunculus Haakeri, Schl.

308. Lapezia pumila, Bonpl.

153 Capulin blanco = Ehretia Mexicana, Nats.

338. Polygonum mexicanum, Small.

Arbre de Tampico. "Paseley" Laursonia inermis, L. "Pueblo viejo"

Feb. 1. 1895.

Plants from Mrs. May E. Pulsifer Ames.
 Auburn, Placer Co., Cal.

1. *Zo gump*.
2. *Madia elegans*, Don.
3. *Aster Oreganus*, Nutt.
4. *Conyza Coulteri*, Gray.
5. *Senecio Californica*, Gray.
6. *Castilleja foliolosa*, H. & A.
7. *Baccharis Douglasii*, DC.
8. *Mentha pulegioides*, L.
9. *Lippia nodiflora*, Michx.
10. *Geranium Californicum*, L.
11. *Carex tribuloides*, Vahl.
12. *Eriogonum majus*, Hook.
13. *Pea auduina*, Nutt.?
14. *Sorghum Halapense*, Pers.
15. *Roubieva multifida*, Moq.
16. *Arrigonia corymbosa*, Jels.
17. *Linum micranthum*, Gray.
18. *Gilia filicaulis*, Don.
19. *Polygonum Californicum*, Meisn.
20. " "
21. *Zo fragmentary*.
22. *Cupressus Garryana*, Gordon.

Feb. 2. 1895.

O.D. Allen's Washington Plants.

294. *Poa laxa*, Haenke.
 279. *Thelica bromoides*, Gray, var. *Howellii*, Scrib.
 276. *Trisetum* ^{*canescens*, Rydb.} ~~*canadense*, Don.~~
 275. *Glyceria pauciflora*, Presl.
 274. *Festuca ovina*, L., var. *polyphylla*, Vasey.
 250. *Dentaria geminata*, Nutt., ined.
 256. *Cardamine* ~~*hirsuta*, L.~~ *breueri*, Nutt.
 257. *Cardamine hirsuta*, L.
 251. *Petasites palmata*, Gray.
 252. *Viola glabella*, Nutt.
 254. *Viola sarmentosa*, Dougl.
 258. *Viola palustris*, L.
 253. *Lilium ovatum*, Pursh.
 255. *Mutallia cerasiformis*, Torr. & Gr.
 262. *Asarum caudatum*, Lindl.
 265. *Renophila parviflora*, Dougl.
 264. *Ranunculus occidentalis*, Nutt., var. *Lyallii*, Gray.
 259. *Dicentra formosa*, DC.
 263. *Achlys triphylla*, DC.
 277. *Gilia heterophylla*, Hook.
 273. *Vancouveria hexandra*, Mon. & Dec.
 268. *Moneses grandiflora*, Salisb.
 282. *Pyrola rotundifolia*, L., var. *tractata*, Gray.
 261. *Ribes divaricatum*, Dougl.
 288. *Ribes laxiflorum*, Pursh.
 260. *Vaccinium larvifolium*, Smith.

278. *Rosa gymnocarpa*, Nutt.
 266. *Maianthemum bifolium*, DC., var. *dilatatum*, Nord.
 277. *Clintonia uniflora*, Kunth.
 280. *Habenaria leucostachys*, Watson.
 270. *Habenaria gracilis*, Watson.
 269. *Lilia gracilis*, Dougl.
 208. *Rubus nivalis*, Dougl.
 267. *Rubus ursinus*, Cham. & Schl.
 203. *Rubus sanguineus*, Pursh, var. *malvaceus*, Gray.
 249. *Allium cernuum*, Roth.
 286. *Erythronium grandiflorum*, Pursh, var. *parviflorum*, Wats.
 285. *Erythronium montanum*, Watson.
 267. *Oxalis Oregona*, Nutt.
 272. *Oxalis heliifolia*, Hook.
 283. *Mitella Breweri*, Gray.
 287. *Claytonia lanceolata*, Pursh.
 284. *Pedicularis racemosa*, Dougl.
 281. *Pedicularis Gracelandica*, Retz.
 300. *Pedicularis bracteosa*, Benth.
 295. *Pedicularis contorta*, Benth.
 296. *Pedicularis ornithorhyncha*, Benth.
 299. *Gentiana calycosa*, Griseb., var. *stricta*, Griseb.
 292. *Achloppappus Fraudegei*, Gray.
 297. *Veronica Cusickii*, Gray.
 298. *Kalmia glauca*, Ait., var. *microphylla*, Hook.
 289. *Ranunculus Lutescentii*, Gray.
 301. *Anemone occidentalis*, Wats.
 293. *Saxifraga Tolmiei*, Torr. & Gray.
 290. *Spraguea multiceps*, Howell.
 291. *Lupinus Lyallii*, Gray.

Miscellaneous from Allen

193. *Carex festiva*, Dewey, var. *gracilis*, Olney.
 194. *Carex invisa*, Bailey
 195. " " "
 196. " *rigida*, Good., var. *alpina*.
 303. *Habenaria Unalaschensis*,
 309. *Rhododendron albiflorum*, Hook.
 310. *Rubus pedatus*, Smith.
 311. *Corydalis Scouleri*, Hook.
 316. *Pyrola chlorantha*
 312. *Arabis perfoliata*, Lam.
 313. " *hirsuta*, Scop.
 314. *Toyon glaucum*, Nutt., var. *dasycephalum*, F.B. (T. *humile*, Nutt.)
 315. *Viola glabella*, Nutt.
 25. ~ *Aster modestus*, Lindl.
 26. ~ *Lactuca toxicaria*, Gray.
 122. 3/5. *Rosa pisocarpa*, Gray.
 65 *Agrostis humilis*, Vasey.

Norway Plants from Miss Elisabeth Taylor. Feb. 15, 95.

1. *Platanthera bifolia*, Reich.
2. *Valeriana officinalis*, L.
3. *Polygala amara*, L.
4. *Hieracium pilasella*, L., var. *Peleterianum*, Moench.
5. *Pedicularis Lapponica*, L.
6. *Eigeron uniflorus*, L.
7. *Armeria maritima*, Willd.
8. *Anabis alpina*, L.
9. *Silene acaulis*, L. with *Betula alpestris*, Fr.
10. *Saxifraga cernua*, L.
11. " *rivularis*, L.
12. " *oppositifolia*, L.
13. *Lychnis alpina*, L.
14. *Gnaphalium Noruegicum*, L.
15. *Veronica alpina*, L.
16. *Luzula arcuata*, Meyer.
17. *Lotus corniculatus*, L.
18. *Barbisia alpina*, L.
19. *Viola biflora*, L.
20. *Saussurea alpina*, DC.
21. *Euphrasia officinalis*, L.
22. *Thalictrum alpinum*, L.
23. *Lothraea aquavarica*, L.
24. *Rhododendron Lapponicum*, Nahl.
25. *Viola blanda*, Willd., var. *renifolia*, Gray.
26. *Andromeda polifolia*, L.

Washington Plants from

C. V. Piper.

March 1-13. 1895

1488. *Lathyrus bijugatus*, White.
 1490. *Lupinus sericeus*,
 1535. *Myosurus apetalus*, Gray.
 1589. *Cnicus altissimus*, Willd., var. *filipendulus*, Gray.
 1628. *Clarkia rhomboides*, Dougl.
 1657. *Mimulus nephruticus*, Greene.
 1763. *Carex Geyeri*, Boott.
 1764. " *filifolia*, Nutt.
 1780. *Rigiopappus leptocladus*, Gray.
 1782. *Aster occidentalis*, Nutt.
 1783. " *laevis*, L.
 1784. *Crepis occidentalis*.
 785. *Solidago serotina*, Ait.
 1788. *Rubus Piperi*, n.sp. provisional
 1789. *Chenopodium hybridum*.
 1792. *Astragalus collinus*, Dougl.
 1793. *Dodecatheon cusickii*, Greene.
 1794. *Draba nemorosa*.
 1795. *Saxifraga integrifolia*, Hook. *thin leaved*.
 796. *Cuscuta tenuiflora*, Engelm.
 802. *Potamogeton*
 803. *Linum diphyllum*, Gray.
 1807. *Abronia mellifera*, Dougl.
 1808. *Saxifraga integrifolia*, Hook.
 1809. *Aphyllon uniflorum*, Gray.
 1810. *Ribes irriguum*, Dougl.
 812. *Urtica arcuata*, Gray, var. *subvillosa*, Wats. ined.

1817. *Silene Cucubalus*, Wain.
 1821. *Eriogon strigosus*, approaching *annuus*.
 1822. *Erigeron foliosus*, Gray.
 1823. " *undulatus*, Gray, var. *megacephalus*, Gray.
 1826. *Mimulus Pulsiferae*, Gray.
 1828. *Geranium Carolinianum*, L.
 1832. *Eriogon divergens*, T. & G.
 1835. *Pickera*, *caucosif* *Pringens*. *Cones* of *Sitchensis*.
 1836. *Viola palmata*, var. *cucullata*, Gray.
 1838. *Amsinckia tessellata*, Gray.
 1840. *Astragalus curvisiliqua*, Nutt.
 1846. *Mentzelia dispersa*, Nats.
 1848. *Polygonum Douglasii*, Greene, var. *latifolium*, Greene.
 1849. *Gilia pusilla*, Benth.
 1851. *Allium Geyeri*.
 1851. *Psoralea lanceolata*, Pursh.
 1854. *Silene nocturniflora*.
 1856. *Claytonia Sibirica*, L.
 1858. *Mimulus Pulsiferae*, Gray.
 1885. *Arenaria pusilla*, Nats.
 1887. *Ribes niveum*, Lindl.
 1900. *Lupinus Wyethii*, Watson.
 901. " *leucophyllus*, Dougl.
 1902. " "
 1903. " *ornatus*, Dougl.
 1933. *Erigeron edulis*, Gray.
 1934. *Carex straminea*, var. *micabilis*, D. C.
 1937. *Cyperus erythroglossus*, Muhl.

938. *Juncus Bolanderi*, Engelm.
 939. " *tenuis*, Willd.
 1940. *Triglochin ambigua*, Gray.
 1941. " *Longiana*, Gray.
 1942. " " "
 1943. " " "
 1944. " " "
 1945. " " "

March 19. 895.

From Dr. A. Dugès.

5. *Anisacanthus pumilus*.

"*Cyatagus Mexicana*" = *Pyrus Cydonia*, L.

Agritas = *Berberis pinnata*, Lag.

April 10 -

149

Mexican Plants collected by Frank H. Lamb
at Mazatlan, Tepic etc. 1894-95.

- > 1. *Cassia biflora*, L.
- > 2. *Acacia Farnesiana*, Willd.
- > 3. *Salvia prvoides*, Benth.
- > 4. *Evolvulus limifolius*, L.
- > 5. *Pectis Bonplandiana*, HBK.
- > 6. *Dalea ngra*, Mart. & Gal.
- > 7. *Sida rhombifolia*, L., var. *microphylla*, Hemsley.
- > 8. *Momordica Charantia*, L.
- > 9. *Salvia prvoides*, Benth.
- > 10. *Phaseolus atropurpureus*, DC.
- > 11. *Lantana horrida*, HBK.
- > 12. *Tournefortia Hartwegiana*, Steud.
- > 13. *Elytharia tridentata*, Vahl.
- > 14. *Croton gracilis*, Mill. Arg. ?
- > 15. *Porophyllum nummularium*, DC.
- > 16. *Commelina pal.* ^{erecta}, L.
- > 17. *Zinnia maritima*, HBK.
- > 18. *Pithecolobium dulce*, Benth.
- > 19. *Naltheria detonsa*, Gray.
- 20.
- > 21. *Mimosa Eruendbergii*, Gray.
- > 22. *Eupatorium sagittatum*, Gray.
- > 23. *Dicliptera reniformata*, Juss.
- > 24. *Cuscuta umbellata*, HBK. ?
- > 25. *Sporaea triloba*, L.

- > 26. *Cochlospermum hibiscoides*, Humb. & Bonpl.
- > 27. *Datura meteloides*, DC.
- > 28. *Solanum torvum*, Sw.
- > 29. *Ipomaea triloba*, L.
- > 30. *Ipomaea purpurea*, Lam.?
- 31.
- 32.
- > 33. *Caesalpinia Mexicana*, Gay, var. *pubescens*, Rob. & Greene.
- 34.
- 35.
- > 36. *Cestrum diurnum*, L.
- > 37. *Caesalpinia pulcherrima*, Swartz.
- > 38. *Cosmos sulphurea*, Cav.
- > 39. *Tournefortia* ^{capitata} ~~Hartwegiana~~, Mart. & Gal.
- > 40. *Trixis frutescens*, P. Browne.
- > 41. *Myrtus Arayana*, HBK.?
- > 42. *Jacobinia Mexicana*, Seem.
- > 43. *Salvia albiflora*, Mart. & Gal.
- 44.
- > 45. *Melampodium divaricatum*, DC.
- > 46. *Melochia pyramidata*, L.
- > 47. *Salvia albiflora*, Mart. & Gal., var. *caeculescens*, Gay.
- > 48. *Cassia sericea*, Swartz.
- > 49. *Antigonon leptopus*, A. & A.
- > 50. *Euphorbia pilulifera*, L.
- > 51. *Ipomaea pandurata*, Meyer.
- > 52. *Lantana hirsuta*, Mart. & Gal.
- > 53. *Melampodium longicorne*, Gay.

- > 54. *Solanum nigrum*, L.
- > 55. *Solanum torvum*, Fr.
- > 56. *Caesalpinia bonducella*, Roxb.
- > 57. *Ipomoea Pes-Caprae*, Sweet.
- > ! 58. *Diodia crassifolia*, Benth. ex chor.
- > 59. *Crotalaria eriocarpa*, Benth.
- > 60. *Cassia occidentalis*, L.
- > 61. *Tournefortia Hartwegiana*, Steud.
- > 62. *Physalis pubescens*, L.
- > 63. *Richardsonia scabra*, St. Hil.
- > 64. *Crotalaria incana*, L.
- > ! 65. *Caesalpinia lacalaco*, Humb. & Bonpl. ex chor.
- 66.
- 67.
- > 68. *Porophyllum nummularium*, DC.
- > 69. *Dalea alopecuroides*, Willd.
- 70.
- > 71. *Hyptis polystachya*, HBK.
- 72. *Dalea nigra*, Mart. & Gal.
- 73. *Baccharis caulescens*, DC.
- > 74. *Euphorbia thymifolia*, L.
- > 75. *Hydrolea spinosa*, L.
- > ! 76. *Kosteletzkya stellata*, n. sp.
- > 77. *Cassia abais*, L.
- > 78. *Coleome Potosina*, Rob.
- > 79. *Pectis arenaria*, Benth.
- 80. *Usnea* sp.
- > 81. *Tillandsia usneoides*, L.

82. *Melampodium cuculatum*, Gray.
 83. *Tillandsia exserta*, n. sp.
 84. *Ipomaea arborescens*, HBK.
 85. *Caesalpinia eriostachys*, Benth.
 86.
 87. *Cucurbitaria cucurbitaria*, DC.
 88. *Aristolochia Taliscana*, H. & A.
 89. *Blechnum Brownii*, Juss.
 90. *Goerhaavia scandens*, L.
 91. *Journefortia capitata*, Mart. & Gal.
 92. *Blechnum Brownii*, Juss.
 93.
 94. *Perityle microphylla*, Benth.
 95. *Heliotropium parviflorum*, L.
 96. *Sida rhombifolia*, L.
 97. *Salvia albiflora*, Mart. & Gal.
 98. *Antigonon cinerascens*, Mart. & Gal.
 99. *Hiraea macrophylla*, DC.
 100. *Viguiera helianthoides*, HBK.
 101. *Malva viscosa grandiflora*, HBK.
 102. *Ipomaea muricata*, Jacq..
 103. *Solanum Grayi*, Rose.
 104. *Ipomaea muricata*, Jacq..
 105. *Ipomaea Mexicana*, Gray.
 106. *Ipomaea triloba*, L.
 107. *Melampodium divaricatum*, DC.
 108. *Argemone Mexicana*, L.
 109.

110. *Solanum nigrum*, L.
 111. *Coursetia mollis*, Rob. & Greenm.
 112. *Indigofera acut.*, L.
 113.
 114.
 > 115. *Clumbago scandens*, L.
 > 116. *Rhynchosia phaeoloides*, DC.
 117.
 118.
 > 119. *Chamissoa altissima*, HBK.
 > 120. *Vilamilla octandra*, Hook. fil.
 > 121. *Tricostema Tabacum*, L.
 > 122. *Calceolaria glabrata*, n.sp.
 > 123. *Punica Granatum*, L.
 > 124. *Rhynchosia minima*, DC.
 > 125. *Mangifera Indica*, L.
 > 126. *Plumbago Capensis*, Thunb.
 127.
 128.
 > 129. *Psidium Guajava*, L.
 > 130. *Erythrina Corallodendron*, L. ?
 > 131. *Duranta Plumieri*, Jacq.
 132.
 133.
 134.
 > 135. *Jussiaea repens*, L.
 > 136. *Jussiaea repens*, L.
 137.

- > 138. *Phyalis aequata*, Jacq.
 > 139. *Datura meteloides*, DC.
 > 140. *Asclepias curassavica*, L.
 > 41. *Stemodia pusilla*, Benth.
 > 142. *Russiaea octanervis*, Lam.
 143.
 > 144. *Stemodia ducantifolia*, Swartz.
 > 145. *Hydrolea spinosa*, L., var.
 > 146. *Polygonum punctatum*, Ell.
 > 147. *Philibertia linearis*, B. & H., var. *heterophylla*, Gay.
 > 148. *Solanum Laubii*, n. sp.
 > 149. *Nicotiana plumbaginifolia*, Jacq.
 > 150. *Gossypium herbaceum*, L.
 > 151. *Anoda acerifolia*, DC. (this may be no. 154) also *Coffea arabica*, L.
 > 152. *Ipomaea bracteata*, Cav.
 > 153. *Gliricidia Lambii*, n. sp.
 154.
 155.
 > 156. *Tetramecium hispidum*, Nees.
 157.
 > 158. *Ipomaea umbellata*, Meyr.
 > 159. *Bryophyllum calycinum*, Salisb.
 > 160. *Anoda hastata*, Cav.
 > 161. *Ipomaea trifida*, Don., var. *Joneziana*, Gay.
 162.
 163.
 > 164. *Aristolochia Taliscana*, H. & A.
 > 165. *Verbesina diversifolia*, DC.

- > 166. *Vilamilla octandra*, Hook. fil.
 > 167. *Stegnosperma halimifolia*, Benth
 168.
 > 169. *Stemmadenia Palmeri*, Rose.
 > 170. *Combretum farinosum*, HBK. (flowers), tw. of something else!
 > 171. *Sesjania racemosa*, Schum.
 172. *Galphimia glandulosa*, Cav. ex char.
 > 173. *Tribulus grandiflorus*, Wats.
 > 174. *Lantana horrida*, HBK.
 175.
 > 176. *Hyptis albida*, HBK.
 > 177. ~~*Dioscorea cancellatopapua*~~ *porphylla*, Cav.
~~*Chaptalia porphylla*, H. & A.~~
 178.
 > 179. *Asclepias curassavica*, L.
 > 180. *Sorghum Itapense*, Pers.
 > 181. *Ruellia pauciflora*, Jacq.
 > 182. *Jussiaea octoneura*, Lam.
 > 183. *Plumbago scandens*, L.
 > 184. *Cratalaria pumila*, Ort.
 ! 185. *Lagascea glandulosa*, n. sp.
 186.
 > 187. *Commelina pallida*, Clarte.
 > 188. *Stimodia duaritifolia*, Swartz
 189. *Adiantum tenerum*, Swartz.
 > 190. *Eupatorium conyzoides*, Vahl.
 191.
 > 192. *Nicotiana Tabacum*, L.
 > 193. ~~*Nicotiana Tabacum*, L.~~
Buchnera Mexicana, H. & A. var.

194.
 > 195. *Polypodium tetragonum*, Swartz.
 > 196. *Aspidium patens*, Swartz.
 > 197. *Hibiscus Rosa-sinensis*, L.
 198. *Scoparia dulcis*, L.
 > 199. *Spermacoce asperifolia*, Mart. & Gal.
 200.
 > 201. *Phaseolus speciosus*, HBK.
 > 202. *Stachys coccinea*, Jacq.
 203. *Ipomaea pedunculata*, Bertol.
 > 204. *Bignonia*?
 205. *Smilax echinocarpa*, Hay.
 206. *Tournefortia hirsutissima*, L.
 207. *Henrya*
 208. *Sida carpinifolia*, L.
 209. *Parkinsonia aculeata*, L.
 210. *Hura polyandra*, Baill. ex chor.
 211.
 212.
 > 213. *Mimosa asperata*, L.
 214.
 215.
 > 216. *Melia Azedarach*, L.
 217.
 > 218. *Loeselia ciliata*, Don.
 > 219. *Cassia bicapsularis*, L.
 > 220. *Solanum callicarpae-folium*, L.
 > 221. *Zexmenia ceanothifolia*, Sch.Bp., var. *conferta*

- > 222. *Diphysa racemosa*, Rose.
- > 223. *Tephrosia multifolia*, Rose.
- > 224. *Hymenaea courbaril*, L.
- > 225. *Hyptis stellulata*, Benth.
- 226.
- > 227. *Eriodendron occidentale*, Tr. & Pl.
- > 228. *Hyptis polystachya*, HBK.
- > 229. *Crotalaria incana*, L.
- > 230. *Berhaavia viscosa*, Lag. & Rodr.
- > 231. *Passiflora foetida*, L.
- > 232. *Tribulus grandiflorus*, Nat. S.
- > 233. *Casimiroa edulis*, Llav. & Lex.
- > 234. *Panicum leucophæum*, HBK.
- > 235. *Carica papaya*, L.
- > 236. *Tribulus grandiflorus*, Nat. S.
- 237.
- > 238. *Inga Xalapensis*, Benth.
- 239.
- > 240. *Ipomaea Batatas*, L.
- > 241. *Gymnolomia platylepis*, Gay.
- 242.
- > 243. *Buchnera Mexicana*, Hemsl., var.
- > 244. *Tabebeia*?
- > 245. *Tamarindus Indica*, L.
- > 246. *Cedrela pubescens*, n. sp.
- > 247. *Pisonia aculeata*, L.
- > 248. *Hamelia patens*, Jacq.
- > 249. *Phaseolus falcatus*, Benth. *lunatus*, L.

- > 350. *Verbesina crocata*, Less.
 > 351. *Triumfetta semitriloba*, L.
 > 352. *Calopogonium caeruleum*, Desv.
 > 353. *Piper tuberculatum*, Jacq.
 > 354. *Trixis frutescens*, P. Browne.
 > 355. *Melampodium divaricatum*, DC.
 > 356. *Calea submembranacea*, n. sp.
 > 357. *Zinnia bicolor*, Hemsley.
 > 358. *Sporanea Lambii*, n. sp.
 > 359. *Ardisia compressa*, HBK.
 > 360. *Vitex mollis*, HBK.
 > 361. *Canostegia Kalapensis*, Don.
 > 362. *Cratalaria longirostrata*, Hook. & Arn. ex char.
 363. *Hibiscus uncinellus*, DC.
 364. *Jaumea pedunculata*, B. & H.
 365. *Sida dumosa*, Swartz.
 > 366. *Brougniartia glabrata*, Hook. & Arn. ex char.
 367.
 > 368. *Euphorbia pulcherrima*, Willd.
 > 369. *Lagascea suaveolens*, HBK.
 > 370. *Cratalaria eupleurifolia*, Schl. ex char.
 > 371. *Tibouchina Schiedeana*, Cogn.
 > 372. *Cassia hispida*, Vahl.
 > 373. *Begonia Leraeifolia*, Cham. & Schl.
 > 374. *Aspidium trifoliatum*, Swz.
 > 375. *Adiantum tenerum*, Swz.
 > 376. *Adiantum concinnum*, HBK.
 > 377. *Tephrosia lanata*, Mart. & Gal. ex char.

- ! 278. *Ipomaea simplexiantha*, n. sp.
 > 279. *Quercus Orizabae*, Liebm. ?
 > 280. *Russelia sarmentosa*, Jacq.
 > ! 281. *Triumfetta cucullata*, n. sp.
 > 282. *Guardiola Tulocapus*, Gray. broad leaved form.
 > 283. *Salix Humboldtiana*, Willd.
 > 284. *Byrsonima cotinifolia*, HBK.
 > ! 285. *Mimosa Guatemalensis*, Benth. Ex chor.
 286.
 > 287. *Lawsonia inermis*, L.
 > 288. *Nerium Oleander*, L.
 > 289. "*Parmentiera edulis*, DC.
 > 290. *Coriandrum sativum*, L.
 > 291. *Aloe vera*, L.
 > 292. *Gymnogramme tartarea*, Desv.
 > 293. *Blechnum occidentale*, L.
 > 294. *Aspidium contumminum*, Willd.
 > 295. *Stachys coccinea*, Jacq.
 > 296. *Adiantum concinnum*, HBK.
 > 297. *Laeselia coccinea*, Don.
 > 298. *Isoloma jaliscana*, Wats.
 > 299. *Laeselia ciliata*, Don.
 > 300. *Gypsochroma scaber*, Benth.
 > 301. *Tibouchina Bourgaeana*, Cogn.
 > 302. *Laeselia glandulosa*, Don.
 303.
 > 304. *Euphea Pringlei*, Watson.
 > 305. *Labelia latiflora*, HBK.

306. *Adiantum intermedium*, Swartz.
 307.
 308. *Ipomoea Bonariensis*, L.
 309. *Sejania*
 310. *Castilleja communis*, Benth.
 311. *Galunsoya* ^{*aurea*} ~~*laurea*~~ n. sp.
 312. *Duranta Plumieri*, Jacq.
 313. *Ocotea* sp.
 314.
 315. *Chamissoa altissima* HBK.
 316. *Sassafridium macrophylla*, Rose.
 317. *Crotalaria pumila*, Ort.
 318. *Desmodium scorpiurus*, Desv.
 319. *Mangifera Indica*, L.
 320. *Heliotropium Indicum*, L.
 321. *Lorcelia ciliata*, Don.
 322. *Tetramerium hispidum*, Nees.
 323. *Salvia leptoides*, Mart. & Gal.
 324. *Melochia pyramidalata*, L.
 325. *Nicotiana glauca*, L.
 326. *Phaccolus vulgaris*, L.

no. no. "Lecomate" *Parmientera alata*, Kunz.
Crescentia alata, HBK.

May 31, 1895.

From A. Dupis

Psoralea pentaphylla, L.

Stamnea lanceolata, Ton.

No 46. *Cordylus congesta*, Steud.

H. Ms. *Myrtis albida*, HBK.

No. 1. *Barleria micans*, Nees.

"Mars" *Salvia Scleria*, L.

"Yedia Clarin". *Ipomaea Bonu-Hox*, L.

Micrantha alata, Link & Otto.

452. "Caudelero". *Senecio praecox*, DC.

"Arctos or Zarcillo" *Bauvardia hypoleuca*, Bth.

May 31, 1895.

From A. Davidson, Los Angeles.

Phacelia Fremonti, Ton.

Collinsia Pampi, T. & G.

Senecio multilobatus, Gray.

Trifolium gracilentum.

June 1, 1895.

From L. Jaced, Estrella, San Luis Obispo Co. Cal.

1. *Lupinus albus*, var. *albus*, Gray.
 2. } *Gilia linearis*, var. *subulata*, Gray.
 \$ } *Convolvulus pentapetaloides*, L.
 3. *Rigipappus leptocladus*, Gray.
 4. *Lupinus micranthus*, Dougl.
Antirrhinum vavou, Gray.

From a. Augis.

"Mariola" *Frauseria camphorata*, Greene.

Florida plants from F. C. Staub.

June 17, 1895.

1. *Chrysopsis Mariana*, Nutt.
2. *Aster squarrosus*, Walt.
3. *Coreopsis aurea*, Ait., var. *subintegra*, Torr. & Gr.
- 4.
5. *Monarda punctata*, L.
- 6.
7. *Nissolia*
8. *Cephaelis Chenevix*, Ait.
9. *Limnanthes tachyspermum*, Gray.
- 10.
11. *Houstonia rotundifolia*, Michx.
12. *Polygala lutea*, L.
13. *Sabbatia stellaris*, Pursh.
14. *Crotalaria ovalis*, Pursh.
- 15.
16. *Lycopodium alopecuroides*, L.
- 17.
- 18.
- 19.
- 20.
21. *Lobelia spicata*, Lam.
- 22.
23. *Viola primulaefolia*, L.
- 24.
- 25.
26. *Sida carpinifolia*, L.

27. *Erigeron nudicaulis*, Michx.
28. *Lamium amplexicaule*, L.
- 29.
- 30.
31. *Guardia purpurea*, L.
32. *Cuscuta compacta*, Juss.
33. *Thlasium nudum*, L.
34. *Hamelia Virginica*, L.
35. *Polypodium incanum*, Swartz.
36. *Paspalis angulata*, L. var. *Linckiana*, Gay.
37. *Hieracium Gronovii*, L.
- 38.
39. *Epiphegus Virginiana*, Bart.
40. *Viola palmata*, L.
- 41.
42. *Lycopodium cernuum*, L.
43. *Polypodium aureum*, L.
- 44.
45. *Vittaria lineata*, Swartz.
46. *Viola palmata*, L.
47. *Utricularia inflata*, Walt.
48. *Utricularia biflora*, Lam.
49. *Satureia rigida*, Bart.
50. *Pinguicula elatior*, Nutt.
- 51.
52. *Hypoxis juncea*, Smith.
- 53.
- 54.

55. *Plantago Virginica*, L.
56. *Pinguicula lutea*, Walt.
57. *Viola laevis*, L.
58. *Verbena pubescens*, L.
- 59.
60. *Vaccinium nitidum*, Andr.
61. *Prunus Caroliniana*, Lit.
62. *Pyrus arbutifolia*, L.
- 63.
64. *Tradescantia Virginica*, L.
65. *Rhynchospora Virginica*, Willd.
66. *Helianthemum corymbosum*, Michx.
- 67.
68. *Salvia lyrata*, L.
- 69.
70. *Pinguicula peruviana*, Michx.
71. *Ascyrum amplexicaule*, Michx.
72. *Viola palmata*, L., var. *cucullata*, Gray.
73. *Lupinus diffusus*, Nutt.
74. *Calopogon pulchellus*, R. Br.
75. *Lobelia ^{fragrans} Nutt.*, ~~Nutt.~~
76. *Clematis Baldouinii*, Ton. & Gr.
77. *Thysanthes refracta*, Benth.
78. *Viola palmata*, L.
79. *Baptisia laevis*, Ell.
80. *Erotaria sagittalis*, L.
81. *Eriocaulon graphalodes*, Michx.
82. *Vaccinium nitidum*, Andr.

83. *Spiranthes gracilis* ^{praecox, Walt.} B. & P.
 84. *Geranium Carolinianum*, L.
 85. *Sisyrinchium anceps*, Cav.
 86. *Muracium Gronovii*, L.
 87. *Conradina caulescens*, Gray.
 88. *Chypalis lanceolata*, Michx.
 89. *Lepidium Virginicum*, L.
 90. *Samolus Valerandi*, L. var. *Americanus*, Gray.
 91. *Polygala nana*, DC.
 92. *Oenothera simata*, L.
 93. *Helenium vernale*, Walt.
 94. *Asimina pygmaea*, Dunal.
 95. *Ficus australis*, Michx.
 96. *Polygala polygama*, Walt.
 97. *Coccoloba Leavenworthii*, Torr. & Gray.
 98. *Anianthus angustifolius*, Gray.
 99. *Berchemia volubilis*, DC.
 100.
 101. *Dichrocnema leucocephala*, Michx.
 102. *Graphalium purpureum*, L.
 103. *Senecio lobatus*, Pers.
 104. *Galium trifidum*, L.
 105. *Osmanthus Americanus*, Benth. & Hook.
 106. *Helianthemum corymbosum*, Michx.
 107. *Jatropha stimulosa*, Michx.
 108. *Tradescantia rosea*, Vent.
 109. *Cornus canadensis*, Marsh.
 110. *Audouinea nitida*, Benth.

111. *Andromeda ferruginea*, Walt.
112. *Smilax lauceolata*, L.
113. *Physalis lauceolata*, Michx.
114. *Polygala polygama*, Walt.
115. *Gratiola ramosa*, Walt.
- 116.
117. *Vicia acutifolia*, Ell.
118. *Gaylussacia dumosa*, Torr. & Gray.
119. *Labellia paludosa*, Kunth.
120. *Ruellia ciliosa*, Pursh, var. *ambigua*, Gray.
121. *Paepalanthus flavidulus*, Kunth.
122. *Solanum carolinense*, L.
123. *Dianthera humilis*, Engelm. & Gray.
Ruellia ciliosa, Pursh, var. *ambigua*, Gray.
124. *Buehnera elongata*, Torr.
125. *Campanula floridana*, Wats.
126. *Scutellaria integrifolia*, L.
127. *Sprianthus praecox*, Wats.
128. *Hea Virginica*, L.
129. *Vaccinium arboreum*, Trautv.
130. *Specularia perfoliata*, A.DC.
131. *Limnanthum laciniatum*, Griseb.
- 132.
133. *Polygala setacea*, Michx.
134. *Intederia cordata*, L.
135. *Quirina scirpoidea*, Vahl.
136. *Carex staminea*, Willd., var. *alata* Bailey
137. *Vaccinium stamineum*, L.
138. *Vaccinium stamineum*, L.
Nepestis Monniera, HBK.

- 139 *Commelina Virginica*, L.
- 140 *Erigeron Philadelphicus*, L.
- 141 *Salvia coccinea*, L.
- 142 *Hydrocotyle umbellata*, L.
- 143 *Pogonia ophioglossoides*, Nutt.
- 144 *Lantana Canara*, L.
- 145 *Clematis Baldwynii*, Torr. & Gr.
- 146 *Euphorbia heterophylla*, L., var. *geminifolia*, Eup.
- 147 " " "
- 148 *Lippia laucolata*, Michx.
- 149 *Polygala Rugelii*, Schott.
150. *Phypostegia Virginiana*, Benth., var. *obovata*, Gr.
151. *Cnicus Nuttallii*, Gray.
152. *Calapogon pulchellus*, R.Br.
153. *Asclepias paupercula*, Michx.
- 154 *Vitis Labrusca*, L.
- 155 *Stillingia sylvatica*, L.
- 156 *Aletris aenea*, Walt.
157. *Polygala Baldwinii*, Nutt.
158. *Schrankia uncinata*, Willd.
159. *Conocarpus Leavenworthii*, Torr & Gray.
160. *Siphonochia Americana*, Torr. & Gray.
161. *Galactia Elliottii*, Nutt.
- 162 *Juncus Ræmsonianus*, Scheele.
163. *Spartina polystachya*, Willd.
164. *Calophanes hemistata*, Nees.
- 165.
166. *Amorpha fruticosa*, L.

Sept. 20 - 25, '95.

Curtis's Plants from Florida Keys.

- 5072B. *Rhynchospora cynosa*, Nutt.
 5072C. " *distans*, Vahl.
 5376. *Hydrocotyle verticillata*, Thunb.
 5377. " " "
 5398. *Croton glandulosus*, L., var. *maritimus*, Curtis.
 + 5430. *Achyranthes aspera*, L., var. *obtusifolia*, Lam.
 5441. *Metastelma Blodgettii*, Gray.
 5443. " *Bahamense*, Griseb.
 5445. *Sida ciliaris*, L.
 + 5453. *Iridax procumbens*, L.
 + 5454. *Spigelia anthelmia*, L.
 5482. *Phyllanthus niruri*, L., var. *radicans*, Mull.
 5486. *Euphorbia adenoptera*, Benth.
 + 5487. *Metastelma Blodgettii*, Gray.
 + 5494. *Elytharia virgata*, var. *angustifolia*, n. var.
 + 5500A. *Talinum triangulare*, Willd.
 5500B. *Euphorbia Brasiliensis*, Lam.
 + 5500C. *Trema Lemaekiana*, Blume.
 5500D. *Pentstemon laevigatus*, Solander.
 + 5500E. *Ruellia graminifolia*, HBK.
 5500F. *Euphorbia polyphylla*, Engelm.
 5500G. *Rhynchospora plumosa*, Ell.
 5501. *Psychotria undata*, Jacq.
 5508. *Melochia deltaidea*, Michx.
 5510. *Cassia grammica*, Spreng.
 5511. *Euphorbia Garberi*, Engelm.

Sept. 26, 1895.

Palmer's Plants from Acapulco.

- ✓ 1. *Sida salviaefolia*, Presl. °
 > 2. *Cordia cana*, Mart. Gal. °
 > 3. *Melampodium longicorne*, Gray. °
 4.
 > 5. *Milleria quinqueflora*, L. °
 ✓ 6. *Crotalaria* ^{*Leptocaulis* W & A. fide J. M. H.} ~~*humilis* DC.~~ °
 ✓ 7. *Crissolia* °
 ✓ 8. *Gaudichaudia filipendula*, Juss. °
 ✓ 9. *Mimosa pusilla* Benth. °
 ✓ 10. *Stylosanthes glutinosa*, HBK. °
 > ! 11. *Argemone Manzanilloana*, Rose ex char. °
 ✓ 12. *Schizocarpum alternatum*, Cop. & Rose, n. sp. °
 ✓ 13. *Echinopepon Coulteri*, Rose. °
 > 14. *Trichilia alata*, Wats. °
 > ! 15. *Stemodia pusilla*, Benth. ex char. °
 > ! 16. *Pectis depressa*, n. sp. °
 ✓ 17. *Zornia diphylla*, Pers. °
 ✓ 18. *Desmodium triflorum*, DC. °
 > 19. *Sclerocarpus uniseriatis*, Benth. & Hook. °
 > 20. *Dalechampia scandens*, L. °
 > 21. *Scapharia dulcis*, L. °
 > 22. *Hyptis suaveolens*, Poit. °
 ✓ 23. *Cassia* °
 ✓ 24. *Eichilia trifoliata*, Jacq. °
 ✓ 25. *Stylosanthes humilis*, HBK. °
 > 26. *Diodia prostrata*, Swartz. °

- > 27. *Thevetia nerifolia*, Juss. ○
 28. ○
 ✓ 29. *Phaseolus semierectus*, L. ○
 ✓ 30. *Sida anomala*, St. Hil. ○
 ✓ 31. *Cassia* ○
 > ! 32. *Convolvulus secundiflorus*, n. sp. ○
 > 33. *Ipomoea hedrifolia*, L. ○
 > ! 34. *Tournefortia calycina*, Benth. Ex char. ○
 ✓ 35. *Oplismenus cristatus*, Presl. ○
 ✓ 36. *Aristida Jauillensis*, A. Th. ○
 > 37. *Fimbristylis miliacea*, Vahl. ○
 38. ○
 ✓ 39. *Eragrostis ciliatus*, Link. ○
 ✓ 40. *Eragrostis plumosa*, Link. ○
 ✓ 41. *Tournefortia Mexicana*, Scribn. ○
 ✓ 42. *Opizia stolonifera*, Presl. ○
 ✓ 43. *Tournefortia Mexicana*, Scribn. ○
 > ! 44. *Montanoa Palmeri*, n. sp. ○
 ✓ 45. *Abutilon giganteum*, Presl. ○
 > 46. *Acalypha Indica*, L. ○
 > 47. *Silaginella* ^{*apicarpaensis*, Batey, fide Woodward.} ~~*stomatophylla*, A. Bracc.~~ ○
 > ! 48. *Bignonia patellifera*, Schb. Ex char. ○
 > ! 49. *Ruellia albiflora*, Fern. n. sp. ○
 ✓ 50. *Abutilon incanum*, Sweet. ○
 ✓ 51. *Euscuta gracillima*, Engelm., var. *saccharata*, Engelm., Ex char. ○
 > ! 52. *Calcea* ~~*palmifolia*, H. B. K.~~ ^{*pacatechichi*, Schlecht., var.} *rufosa*, Rob. & G. n. var. _{in part} ○
 > 53. *Loranthus calyculatus*, DC. ○
 > ✓ 54. *Dalca laevigata*, Gray. ○

- ✓ 55. *Dalea* 0
 > 56. *Herpestis rotundifolia*, Presl. 0
 ✓ 57. *Myrtus*
 > 58. *Stimodia durantifolia*, Sw.
 ✓ 59. *Calliandra laxa*, Benth. 0
 > 60. *Gymnogramme calomelanos*, Tauff. 0
 > 61. *Euphorbia thymifolia*, L. 0
 > 62. *Ficus fasciculata*, Watson. 0
 ✓ 63. *Triumfetta*
 > 64. *Hydrolea spumosa*, L. 0
 > 65. *Dentella repens*, Forst. 0
 ✓ 66. *Paepplingia proelia*, Presl. 0 (not in 1-7)
 ✓ 67. *Desmodium spirale*, DC., var. *Bigelovii*, Rob. & Greenm. 0
 68. *Mimosa nianzanilloana*, Rose. 0
 ✓ 69. *Bauhinia pescaprae*, Cav. 0
 > ! 70. *Cordia perlonga*, n. sp. 0
 > 71. *Achras Sapota*, L. 0
 > 72. *Terminalia Catappa*, L. 0
 ✓ 73. *Loucheocarpus* (not in 1-7) 0
 ✓ 74. *Sporobolus Domingensis*, Kth. 0
 ✓ 75. *Cenchrus multiflorus*,ourn. 0
 > 76. *Scleria lithosperma*, Willd., var. *filiformis*, Britton 0
 ✓ 77. *Gouinea polygama*,ourn. 0
 ✓ 78. *Desmodium spirale*, DC. 0
 ✓ 79. *Heteropterys portillana*, Watson? 0
 ✓ 80. *Jussiaea erecta*, L. 0
 ✓ 81. *Samyda* 0
 ✓ 82. *Sida aggregata*, Presl. 0

- ✓ 83. *Pterocarpus acapulcensis*, Rose, n. sp. ○
 84.
 ✓ 85. *Anona* = *Rollinia* ○
 > 86. *Rauwolfia heterophylla*, R. & S. ○
 ✓ 87. *Cassia occidentalis*, L. ○
 ✓ 88. *Mimosa Wilsonii*, Robinson n. sp.
 ✓ 89. *Kosteletzkya hispida*, Presl. ○
 ✓ 90. *Pithecolobium*
 ✓ 91. *Tephrosia leptostachya*, DC.
 > ! 92. *Phyllanthus glaucescens*, HBK. ex char. ○
 ✓ 93. *Cassia* ○
 > 94. *Evolvulus alseoides*, L. ○
 > 95. *Bidens tereticaulis*, DC. ○
 > 96. *Eucelia tenuis*, n. sp. ○
 > 97. *Euphorbia pulchifera*, L. ○
 > 98. *Sponsea huacolit*, L. ○
 > 99. *Heliotropium fruticosum*, L. ○
 > 100. *Commelina palida*, Willd., var. *parviflora*, Clarke. ○
 > 101. *Heloperone violacea*, Hauch. ○
 ✓ 102. *Aeschynomene* ~~*Andersiana*~~ *Andersiana* R. & S. ...
 103. ○
 ✓ 104. *Phaseolus* ○
 ✓ 105. *Tephrosia leptostachya*, DC. ○
 ✓ 106. *Aeschynomene* ^{106^a} *Diphysa seminifera*, HBK.
 ✓ 107. *Melochia*
 > 108. *Justicia reflexiflora*, Rich.
 > 109. *Sponsea filipes*, Benth. ○
 > 110. *Sesamum Indicum*, L. ○

111.
 ✓ 112. *Panicum saugamiale*, L., var. *longiglume*, Doell. °
 ✓ 113. *Bouteloua repens* HBK. °
 ✓ 114. *Panicum divaricatum*, L. °
 ✓ 115. *Panicum Compositum*, Sw. °
 > 116. *Timbristylis miliacea*, Vahl. °
 > 117. *Cyperus microdontus*, Torr. °
 > 118. *Cyperus Haspan*, L. °
 > 119. *Rhynchospora micrantha*, Vahl. °
 ✓ 120. *Eleusine Indica*, Gaertn. °
 ✓ 121. *Dactyloctenium Aegyptiacum*, Willd. °
 ✓ 122. *Caesalpinia pulcherrima*, Swartz. °
 > 123. *Sponcoa trifida*, Don. °
 ✓ 124. *Wimmeria pallida*, Rostk. °
 ✓ 125. *Cassia rotundifolia*, L. & *C. diphylla*, Pers. °
 126. °
 ✓ 127. *Karwinskia Humboldtiana*, Zucc. °
 > 128. *Hyptis stellulata*, Benth. °
 ✓ 129. *Erythrina* (m) °
 ✓ 130. *Cardiasperman* °
 ✓ 131. *Tribulus maximus*, L. °
 > 132. *Commelina Virginica*, L. °
 ✓ 133. *Turnera diffusa*, var. *aphrodisiaca*, Urban. °
 ✓ 134. *Calliandra emarginata*, Benth. (m) °
 ✓ 135. *Galactia acapulcensis*, Rose. n. sp. °
 ✓ 136. *Helictres mollis*, Presl. °
 > 137. *Conocarpus erectus*, L. °
 ✓ 138. *Calliandra bijuga*, Rose. n. sp. °

139. *Euphorbia* ○
 ✓ 140. ~~*Crotalaria*~~ *pinnula*, Ost. ? ○
 > 141. *Sponocia triloba*, L. ○
 > 142. *Amantus scarious*, Benth. ○
 > 143. *Sponocia cissoides*, Griseb. ○
 ✓ 144. *Trisia Mexicana*, Lallav. & Lex, ex char. ○
 ✓ 145. *Cauavalia gladiata*, DC. ○
 146. *Belotia insignis*, Bail. ? ○
 > 147. *Solanum callicarpaeifolium*, Kth. & Bouché. ○
 > 148. *Solanum Toruam*, Schw. ○
 > 149. *Crescentia Cujate*, L. ○
 > 150. *Heliotropium Indicum*, L. ○
 > 151. *Aristolochia brevipes*, Benth. ○
 > 152. *Eupatorium stillingiaefolium*, DC. ○
 ✓ 153. *Pavonia arachnoides*, Presl. ○
 > 154. *Gomoea Grazi*, Rose. ○
 ✓ 155. *Tephrosia* ○
 > 156. *Craton minus*, Jacq. ○
 ✓ 157. *Triumfetta*, *Heliolepis pallidus*, Rose, n. sp.
 ✓ 158. *Phaseolus* ○
 ✓ 159. *Eutada polytachya*, DC. ○
 ✓ 160. *Gaya Preslii*, Rose. ○
 ✓ 161. *Melochia radiata*, L. ○
 > ! 162. *Bibesnia pallens*, Benth. ex char. ○ rather *V. acapulcensis*,
 163. Rob. & Greene, n. sp.
 > 164. *Persea* ? / *longipes*, Meisn. ○
 > ! 165. *Friday obovata*, Jurez. ex char. ○
 ✓ 166. *Polygala Americana*, Mill. ○

- > 167. *Lippia Berlandieri*, Schauer. °
 ✓ 168. *Polygala Americana*, Mill. °
 > 169. *Journefortia hirsutissima*, L. °
 ✓ 170. *Myrtila scoparia*, Host. & Arn. °
 > 171. *Stachytarpheta mutabilis*, Vahl. °
 > 172. *Isocarpha oppositifolia*, R.Br. °
 ✓ 173. *Chrysobalanus icaco*, L. °
 > 174. *Aphelandra pectinata*, Willd. ° (9111)
 ✓ 175. *Esenbeckia Acapulcensis*, Rose, n. sp. °
 ✓ 176. *Eugenia*
 > 177. *Cordia Trascanthus*, Jacq. °
 ✓ 178. *Brougniartia suberba*, Rose, n. sp. ° (11111)
 ✓ 179. *Vigna strobilophora*, Robinson. °
 > 180. *Cytaria tridentata*, Vahl. °
 > 181. *Barleria micans*, Less. °
 > ! 182. *Aspidia strigosa*, Benth. & Hook, ex char. °
 ✓ 183. *Cucubita radicans*, Aud. °
 ✓ 184. *Eucalyptus* °
 185.
 > 186. *Melampodium divaricatum*, DC. °
 > 187. *Euphorbia Schlechtendalii*, Boiss. °
 > 188. *Schwenkia Americana*, L. °
 ✓ 189. *Asimina foetida*, Rose, n. sp. °
 > ! 190. *Acalypha Acapulcensis*, n. sp. °
 > 191. *Cosmos sulphureus*, Cav. °
 ✓ 192. *Phaseolus* °
 ✓ 193. *Melochia pyramidata*, L. °
 > 194. *Ruellia albicaulis* Bertens. °

- > 195. *Boldoa laucelata*, Lag. °
 > 196. *Rauwolfia heterophylla*, R & S. (pubescent)
 > 197. *Plumbago pulchella*, Boiss.
 > 198. *Angelonia angustifolia*, Benth. °
 > 199. *Amarantus spinosus*, L. °
 ✓ 200. *Mangifera Indica*, L. °
 ✓ 201. *Cassia alata*, L. °
 ✓ 202. *Portulaca pilosa*, L.
 > 203. *Tournefortia floribunda*, HBK. °
 ✓ 204. *Caesalpinia pulcherrima*, Swartz. °
 > 205. *Bidens refracta*, Brandege. °
 > 206. *Coccoloba* . . . °
 ✓ 207. *Dalca* °
 > ! 208. *Croton cladotrichus*, Mill. Arg. ex char. ° (1777)
 > 209. *Dysodia appendiculata*, Lag. °
 > 210. *Schultesia stenophylla*, Mart. °
 > 211. *Stachytarpheta jamaicensis*, Vahl. °
 > ! 212. *Crusea parviflora*, Hook. & Arn. ex char. °
 ✓ 213. *Jussiaea octonervia*, Lam. °
 214. °
 > ! 215. *Jaquemontia pycnocephala*, Benth. ex char. °
 > ! 216. *Solanum lignescens*, n. sp. °
 ✓ 217. *Crotolaria vitellina*, K. °
 ✓ 218. *Waltheria* °
 ✓ 219. *Heteropteryx Acapulcensis*, Rose, n. sp. ° (1777)
 ✓ 220. *Buettneria Lathagenensis*, Jacq. °
 ✓ 221. *Cascaria corymbosa*, HBK.
 ✓ 222. *Sida physaloides*, Presl. °

- 223,
 ✓ 224. *Desmodium* .
 225.
 ✓ 226. *Lonchocarpus* .
 > 227. *Eupatorium conyzoides*, Vahl. .
 ✓ 228. *Gouania stipularis*, DC. .
 > 229. *Chenopodium ambrosioides*, L. .
 > 230. *Trema mollis*, Blume. .
 ✓ 231. *Cassia serpens*, L. .
 > 232. *Herpestis sessiliflora*, Benth. .
 233,
 > ! 234. *Sponsea pedatisecta*, Mart. & Gal. ex char. .
 ✓ 235. *Jauva filosa*, Scribn. nom. nov. .
 > ! 236. *Cordia tinifolia*, Willd., ex char. .
 ✓ 237. *Passiflora viridiflora*, Cav. .
 > 238. *Evolvulus nummularius*, L. .
 ✓ 239. *Ayenia* .
 ✓ 240. *Schrankia distachya*, DC. .
 ✓ 241. *Prosopis dehiscens*, Rose. n. sp. .
 > 242. *Eupatorium* .
 > 243. *Lygodium venustum*, Swz. .
 > 244. *Salvia occidentalis*, Swartz. .
 # 245. *Lobelia caduciflora* Rob. & Bartlett, n. sp. (1887).
 ✓ 246. *Malpighia glabra*, L. .
 ✓ 247. *Turnera ulmifolia*, L. .
 248.
 249.
 ✓ 250. *Inga Xalapensis*, Benth. .

- ✓ 251. *Indigofera* °
 > ! 252. *Russelia rotundifolia*, Cav. ex char. °
 > 253. *Spermacoce asperifolia*, M. & G. °
 ✓ 254. *Gymnaudiopsis pentaphylla*, DC. °
 > 255. *Aurebra scandens*, Moq. °
 ✓ 256. *Centrosema* °
 ✓ 257. " *Plumieri*, Benth. °
 258. °
 > ! 259. *Echites* (*Palmeri*, n. sp.) °
 ✓ 260. *Cassia* °
 ✓ 261. *Melochia nodiflora*, L. °
 ✓ 262. *Oxalis Keaci*, var. *glabrata*, Baker. °
 > 263. *Hyptis pectinata*, Poit. °
 ✓ 264. *Aeschynomene Americana*, L. °
 > 265. *Chioscoca racemosa*, L. °
 ✓ 266. *Triumfetta* °
 ✓ 267. *Cassia* °
 > 268. *Lantana houlida*, HBK. °
 > 269. *Gomphrena globosa*, L. °
 > 270. *Gomphrena globosa*, L. °
 > 271. *Gomphrena globosa*, L. °
 > ! 272. *Manihot rhomboides*, Müll. ex char. °
 > 273. *Gymnogramme calomelanos*, Kaulf. °
 274. *Byrsonima cotinifolia*, HBK. °
 ✓ 275. *Sida glutinosa*, Cav. & P. *arguta*, Swartz. °
 276. °
 ✓ 277. *Haematoxylon boreale*, Watson. °
 278. °

279.
 280.
 > 281. *Melampodium longicornu*, Gray. ○
 ✓ 282. *Hibiscus esculentus*, L.
 ✓ 283. *Aeschynomene paniculata*, Willd.
 ✓ 284. *Leptocarpus pleura*, Reuth.
 ✓ 285. *Anthephora elegans* Schreb. ○
 ✓ 286. *Eragrostis amoena*, Presl. ○
 ✓ 287. *Panicum brevifolium*, L.
 ✓ 288. *Panicum insulare*, Meyen. ○
 ✓ 289. *Panicum paspaloides*, Pers.
 ✓ 290. *Cenchrus tribuloides*, L. ○
 > 291. *Cyperus Surinamensis*, Rottb. ○
 292.
 > 293. *Eleocharis microcarpa*, Tou. ○
 > 294. " *Libmaniana*, Boeckl. Ex char. ○
 > 295. *Cyperus ligularis*, L. ○
 296. *Mimosa acapulcensis*, Robinson, n. sp.
 ✓ 297. *Acacia felicina*, Willd. ○
 ✓ 298. *Melochia plicata*, Presl. & *Acacia plicata*, Penn.
 ✓ 299. *Acacia paniculata*, Willd. ○
 ✓ 300. *Acacia* ○
 ✓ 301. *Acacia* ○
 ✓ 302. *Acacia* ○
 ✓ 303. *Piptadenia leptocarpa*, Rose. (1175)
 > 304. *Phytolacca frutescens*, Gray. ○
 ✓ 305. *Acacia cochilacantha*, H. & B. ○
 ✓ 306. *Passiflora foetida*, L. ○

- ✓ 307. *Passiflora holosericea*, L. °
 > 308. *Baccharia viscosa*, L. °
 > 309. " *erecta*, L. °
 ✓ 310. *Desmodium albiflorum*, Salzm.
 > ! 311. *Heliconia hirsuta*, L.f. ex char? °
 > ! 312. *Evolvulus commelinifolius*, n. sp. °
 > ! 313. *Evolvulus ovatus*, n. sp. °
 ✓ 314. *Passiflora Mexicana*, Juss. °
 ✓ 315. *Passiflora foetida*, L. °
 ✓ 316. *Serjania trifoliata*, Radlk. °
 ✓ 317. *Serjania*, ... °
 > 318. *Antigonon flavescens*, Rats. °
 ✓ 319. *Crotalaria Maypurensis*, HBK. °
 > 320. *Hyptis Lappacea*, Benth. °
 > 321. *Hyptis capitata*, Jacq. °
 ✓ 322. *Cracca Edwardsii*, Gray. °
 323.
 ✓ 324. *Anona* °
 ✓ 325. *Cassia grandis*, L.f. ?
 ✓ 326. *Guaiacum* °
 > 327. *Solanum Lequileuse*, Gray.
 ✓ 328. *Hibiscus tiliaceus*, L. ° (fruit)
 329. *Diospyros* °
 ✓ 330. *Hymenaea Caudolleana*, HBK. °
 ✓ 331. *Pachyrhizus angulatus*, Rich.
 332.
 > 333. *Quercus nectandraefolia*, Liebm. °
 > 334. *Quercus* °

335. *Crescentia* See bundle 15.
- > 336. *Vitex mollis*, HBK.
- ? 337. *Loranthus Oerstedii*, D. Oliv. ex char.
- 338.
- > 339. *Jaquima macrocarpa*, Cav. ex char.
- > 340. *Agave vivipara*, L.
- > 341. *Cuscuta Americana*, L.
- ✓ 342. *Licania arborea*, Secum.
- ✓ 343. *Curatella Americana*, L.
- ? 344. *Coccoloba Schiedraua*, Lindau, ex char.?
- ✓ 345. *Anacardium occidentale*, L.
- > 346. *Syngonium podophyllum*, Schott.
- ✓ 347. *Enterolobium cyclocarpum*, Griseb.
- ? 348. *Goniopa(?) cinerea*, n. sp.
- ✓ 349. *Crataeva stipia*, L.
- ✓ 350. *Gliricida maculata*, HBK.
- > 351. *Aristolochia pardinia*, Duchar. (new)
- ✓ 352. *Cassia grandis*, L.f.
- > 353. *Basanacantha spinosa*, Schum.
- > 354. *Ipomoea stans*, Juss. (new)
- > 355. *Ficus populnea*, Willd.
- ✓ 356. *Rigiodactylus bracteata*, Planch.
- ✓ 357. *Eugenia*
- ✓ 358. *Myrtus*
- ✓ 359. *Myrtus*
- ✓ 360. *Cassipoua porphyrocarpa*, Nass.
- > 361. *Labeinia Palmeri*, Rose.
362. *Bignonia* (new)

- ✓ 363. *Bauhinia latifolia*, Cav. ° (mod)
 ✓ 364. *Vitis Acapulcensis*, HBK. °
 > 365. *Cordia alba*, Roem. & Schult. °
 ✓ 366. *Phaseolus* °
 > 367. *Dignonia unguis*, L. °
 ✓ 368. *Lucasna glabrata*, Rose, n. sp. ° (mod)
 369. °
 > ! 370. *Ipomoea bombycina*, B. & H. ex char. ? °
 ✓ 371. *Cochlospermum hibiscoides*, Kunth. °
 > ! 372. *Miapa albens*, Hiern ? ex char. ° (mod)
 > 373. *Ficus Bonplandiana*, Mig. (mod) °
 > 374. *Xanthosoma roseum*, Schott.
 375. *Cassipouia* Rose n. sp. °
 ✓ 376. *Diphysa Palmeri*, Rose. n. sp. °
 ✓ 377. *Cornubetum Mexicanum*, H. & B. °
 ✓ 378. *Bursera ovalifolia*, Engler. °
 > 379. *Piper leucophyllum*, DC. n. sp. °
 > ! 380. *Tabernaemontana Acapulcensis*, Hiern, ex char. ?
 ✓ 381. *Pithecolobium dulce*, Benth. °
 > 382. *Ruellia* °
 > 383. *Eupatorium quadrangulare*, DC. °
 ✓ 384. *Gossypium arboreum*, L. ° (mod)
 385. °
 > ! 386. *Lucuma Palmeri*, n. sp. °
 387. °
 > + 388. *Salmelia scandens*, DC.
~~*Trichomanes pauciflorum*, Hemsley, ex char. ?~~
 ✓ 389. *Matayba serriculata*, Radlk. ? °
 ✓ 390. *Acacia Hindii*, Benth. °

- ✓ 391. *Guarea* 0
 > 392. *Maadrenia*?
 > 393. *Gonolobus pororius*, Gray.
 ✓ 394. *Usimima foetida*, Rose, n. sp. 0
 > 395. *Cetacea arborea*, HBK. 0
 ✓ 396. *Combretum Palmeri*, Rose, n. sp. 0
 ✓ 397. " *farinosum*, HBK. 0
 ✓ 398. *Bauhinia subrotundifolia*, Cav. 0
 399. 0
 ✓ 400. *Coursetia glandulosa*, Gray, var. 0
 ✓ 401. *Licania arborea*, Seem. 0
 ✓ 402. *Moringa pterygasperma*, Gaertn. 0
 > 403. *Datura discolor*, Bernh. 0
 > 404. *Pisonia aculeata*, L. 0
 ✓ 405. *Smeitima Mahogoni*, Jacq.
 > 406. *Amphilophium paniculatum*, HBK. 0
 407.
 ✓ 408. *Conostepia Xalapensis*, Don. 0
 ✓ 409. *Passiflora Liebmannii*, Mart. & P. *suberosa*, L.
 ✓ 410. *Acacia* 0
 ✓ 411. *Passiflora holosericea*, L.
 ✓ 412. *Gomphia* 0
 413. *Muntingia calabura*, L. (1111) 0
 > 414. *Euphorbia ligustrina*, Boiss. 0
 > 415. *Sponsea Palmeri*, Watson, var. *platyphylla*, n. var. 0
 ✓ 416. *Bombax ellipticum*, HBK. 0
 ✓ 417. *Casuarina coumbosea*, HBK. 0
 > 418. *Elephantopus spicatus*, Juss. 0

419. *Tabebuia*. (wood) °
- ✓ 420. *Paspalum platycaule*, Poir. °
- > 421. *Iresine celosioides*, L. °
- ✓ 422. *Indigofera Anil*, L. °
423. °
- > 424. *Iresine interrupta*, Benth. °
- ✓ 425. *Colubrina*. °
- > 426. *Euphorbia pulcherrima*, Willd. °
- ✓ 427. *Paullinia fuscescens*, HBK. °
428. °
- > ! 429. *Acrocomia sclerocarpa*, Mart. ex chor. °
- ✓ 430. *Hippocratea Mexicana*, Muir. °
- > 431. *Ipomoea fistulosa*, Mart. °
- ✓ 432. *Bursera Palmeri*, Watson. °
- ✓ 433. *Penstemon purpurascens*, HBK. °
- ✓ 434. *Amundinella Martinicensis*, Trin. °
- > 435. *Eupatorium pycnocephalum*, Less. °
- ✓ 436. *Bauhinia mermis*, Pers. °
- ✓ 437. *Heteropterys Beecheyana*, Juss. °
- ✓ 438. *Cissus sieyoides*, L. °
439. °
- > 440. *Agave* ? & *Heliconia occidentalis*, Rose. n. sp. °
- > 441. *Pluchea subdecurrens*, Cass. °
- > 442. *Aphrodium patens*, Swg. °
- ✓ 443. *Jouva straminea*, Fourn. non Scribn. °
- > 444. *Kyllingia pumila*, Michx. °
445. °
- ✓ 446. *Panicum sanguinale*, L., var. *breviglume*, Trin, forma distincta, Doell. °

- ✓ 447. *Limbristylis miliacea*, Vahl. 0
 ✓ 448. *Cyperus compressus*, L. 0
 ✓ 449. *Bauhinia pescaprae*, Cav. 0
 450. 0
 ✓ 451. *Bauhinia pescaprae*, Cav. 0
 ✓ 452. *Waltheria Americana*, L. 0
 453. 0
 ✓ 454. *Tribulus pistoides*, L. 0
 455. 0
 ✓ 456. *Eyostemma Caribaeum*, R. & S. 0
 457. 0
 ✓ 458. *Tetracca sessiliflora*, Tr. & Pl. 0
 459. 0
 ✓ 460. *Celosia*!?! *monosperma*, Rose. 0
 ✓ 461. *Cassia oxyphylla*, Kunth. 0
 462. 0
 463. 0
 ✓ 464. *Mallugo verticillata*, L. 0
 465. 0
 ✓ 466. *Heliotropium* ~~*prostratum*, n. sp.~~ *pauciflorum*, Griseb. 0
 ✓ 467. *Triphasia trifoliata*, DC. 0
 ✓ 468. *Ilysanthes gratioloides*, Benth. 0
 ✓ 469. *Herpestis sessiliflora*, Benth. 0
 ✓ 470. *Eclipta alba*, Hassk. 0
 471. 0
 ✓ 472. *Herpestis rotundifolia*, Pursh. 0
 ✓ 473. *Eriscema diffusum*, G. Don. 0
 ✓ 474. *Galphimia glandulosa*, Rose. n. sp. 0

475.
 ✓ 476. *Indigofera mucronata*, DC.
 > 477. *Blechnum Brownii* - Juss.
 ✓ 478. *Cassia atomaria*, L.
 > 479. *Lippia callicarpifolia*, HBK.
 > 480. *Melanthera hastata*, Rich.
 > 481. *Peetia arenaria*, Benth.
 482. *Sporobolus*
 ! 483. *Sporobolus ampullacea*, n. sp.
 ✓ 484. *Colubrina arborea*, Brandege.
 ✓ 485. *Hirtella Americana*, Aubl.
 ✓ 486. *Colubrina*
 ✓ 487. *Telematia dioica*, L.
 > 488. *Spermacoce podocephala*, Gay.
 489.
 490.
 > 491. *Zaprentia Ghiesbreghtii*, Gray.
 > 492. *Vernonia canescens*, HBK.
 > 493. *Bernardia Mexicana*, Willd. sp.
 ✓ 494. ~~*Ostea*~~
 ✓ 495. *Sida dumosa*, Swartz.
 > 496. *Canna edulis*, Ker.
 > 497. *Brickellia ^{glauca} Cavanillesii*, ~~Gray~~ ^{Gray}.
 > 498. *Laeselia ciliata*, L.
 ✓ 499. *Cayaponia attenuata*, Cogn.
 ✓ 500. *Xylosma Pringlei*, Robinson.
 ✓ 501. *Cassia*
 ✓ 502. *Waltheria Breckii*, Walp.

- ✓ 503. *Cayaponia attenuata*, Cogn. °
 > 504. *Solandra grandiflora*, Swartz. °
 ✓ 505. *Caesalpinia* °
 > ! 506. ~~*Dioschorea*~~ *salicifolia*, n. sp. °
 ✓ 507. *Dalea diffusa* Moench °
 > 508. *Laeselia glandulosa*, Don. °
 > ! 509. *Russelia rotundifolia*, Cav. ex char. °
 > 510. *Physalis foetens*, Poir. °
 > ! 511. *Ruprechtia fusca*, n. sp. °
 > 512. *Telandra gracilis*, Moq. °
 > 513. *Eupatorium pycnocephalum*, Less. °
 ✓ 514. *Pilocarpus longipes*, Rose, n. sp. (1842) °
 > 515. *Eupatorium monanthum*, Sch. Bip. °
 > 516. *Smilax Mexicana*, Ait., var. *Costaricae*, DC. (1842) °
 > 517. *Ardisia coriacea*, Sw. °
 > 518. *Adiantum tenerum*, Swartz. °
 > 519. *Adiantum trapeziforme*, L. °
 > 520. " *trapeziforme*, L. °
 > ! 521. *Cestrum graciliflorum*, Don., ex char. °
 > 522. *Lipia obvallata*, Hook. & Arn. °
 > 523. *Zinnia maritima*, HBK. + *Diomedea* °
 524. *Phacelia* °
 > 525. *Sporaea martinicensis*, Mey. & Crotalaria °
 ✓ 526. *Acisanthera quadrata*, Less. °
 ✓ 527. *Cuphea tenella*, Hook & Arn. °
 528. °
 > 529. *Castilleja acutula*, Salisb. °
 530. °

- > ! 531, *Loranthus inconspicuus*, Benth. ex char. °
 ✓ 532, *Mucuna arens*, L. °
 > ! 533, *Solanum lentum*, Cav. ex char. °
 > 534, *Isocarpha divaricata*, Benth. °
 > 535, *Cryptocarpus globosus*, HBK. °
 ✓ 536, *Malva viscus* °
 > 537, *Islandia usneoides*, L. °
 ✓ 538, *Cassia*. °
 ✓ 539, *Sergania*. °
 ✓ 540, *Euchilia boliviensis*, C.DC. °
 541. °
 542. °
 543. °
 ✓ 544, *Leprosia*. °
 ✓ 545, *Bunchosia Paluceri*, Wats. °
 ✓ 546, *Caesalpinia eriostachya*, Benth. °
 > 547, *Islandia foliosa*, Mart. & Gal. °
 ✓ 548, *Luffa operculata*, Cogn. °
 ✓ 549, *Panicum sanguinale*, L. °
 ✓ 550, *Sida rhombifolia* & *S. acuta*, var. *carpinifolia*, Schum. °
 > 551, *Priva echinata*, Juss. °
 ✓ 552, *Phaseolus* °
 ✓ 553, *Agrimone Mexicana*, L. °
 > 554, *Solanum nigrum*, L., var. *Dillenii*, Gray. °
 ✓ 555, *Momordica charantia*, var. *abbreviata*, Ser. °
 ✓ 556, *Simaba* °
 > 557, *Antigonon flavescens*, Wats. + *Melothria scabra*, Lindl. °
 ✓ 558, *Call. Corallocarpus emetocatharticus*, Gray. °

- > 559. *Ipomoea umbellata*, Mey. 0
 ✓ 560. *Pterocarpus*? 0
 > 561. *Croton nivosus*, Jacq. 0
 ✓ 562. *Guazuma ulmifolia*, Lam. 0
 ✓ 563. *Tournefortia Indica*, L. 0
 > 564. *Isotoma longiflora*, Presl. 0
 > 565. *Mikania laevifolia*, HBK. 0
 ✓ 566. *Secundaria sylvestris*, Schlecht. 0
 > 567. *Capriaria saxifragaeifolia*, Schl. & Ch. 0
 > 568. *Heliotropium mundatum*, Swartz. 0
 > 569. *Hyptis albida*, HBK. 0
 ! 570. *Bleed Ruellia ovalifolia*, Hemsl. Ex char? 0
 ✓ 571. *Paullinia fuscescens*, HBK. 0
 > 572. *Croton fruticulosus*, Torr. 0
 > 573. *Cordia* 0
 ✓ 574. *Annona* 0
 > 575. *Hemiphaea costata*, Gray. & *Canavalia villosa*, Benth. 0
 ✓ 576. *Capparis pauciflora*, Presl. 0
 577. 0
 ✓ 578. *Guarea* 0
 > 579. *Hebanthe Hookeriana*, Hemsl. 0
 > 580. *Jacobinia ovata*, Gray, var. *subglabra*, Wats.? 0
 ✓ 581. *Sida Jamaicensis*, L. 0
 > 582. *Acetandea glabrescens*, Benth? 0
 > 583. *Nelsonia campestris*, R.B. 0
 ✓ 584. *Hippocratea Mexicana*, Miers. 0
 585. *Trianthema Portulacastrum*, L. 0
 > 586. *Euphorbia Brasiliensis*, Lam. 0

- ✓ 587. *Bignonia aequinoctialis*, L. °
 ✓ 588. *Hippocratea Mexicana*, Miers. °
 ✓ 589. *Loucheocarpus* °
 ✓ 590. *Glinus latoides*, Laefl. °
 ✓ 591. *Chrysophyllum Caimito*, L. °
 ✓ 592. *Conyza lyrata*, HBK. °
 ✓ 593. *Glinus latoides*, Laefl. °
 ✓ 594. *Sapreroma palustris*, St. Hil. °
 595. °
 ✓ 596. *Eragrostis reptans*, Nees. °
 ✓ 597. *Cyperus ligularis*, L. °
 ✓ 598. *Loucheocarpus sericeus*, HBK. °
 599. °
 ✓ 600. *Malachra digitata*, Presl. °
 ✓ 601. *Loranthus Americanus*, Jacq. ex char. °
 ✓ 602. *Coccoloba leptostachya*, Benth. ex char. °
 ✓ 603. *Ceiba cascarilla* Wed. (moss) °
 ✓ 604. *Vitis* °
 ✓ 605. *Triumfetta semitriloba*, Jacq. °
 ✓ 606. *Gaudichaudia Schiedeana*, Juss. °
 607. °
 ✓ 608. *Clematis Acapulcensis*, Holl. °
 ✓ 609. *Arpestis decumbens*, n. sp. °
 ✓ 610. *Cassia*
 611. °
 612. °
 ✓ 613. *Arauca*
 ✓ 614. *Melochia radiata*, L.

- ✓ 615. *Cassia tora*, L.
 ✓ 616. *Passiflora lunata*, Willd.
 > 617. *Ecton minus*, Jacq.?
 > 618. *Ecton Alamosanus*, Rose.
 > 619. *Ipomaea intropilosa*, Benth. Rose. °
 ✓ 620. *Centrosema hastata*, Benth.
 ✓ 621. *Phaseolus Mexillensis*, HBK. °
 622.
 623.
 ✓ 624. *Acacia paniculata*, Willd. °
 > 625. *Daucotrea subuligera*, Gray. & *Krameria cuspidata*,
 626. *Krameria* Presl.
 ✓ 627. *Cochlosoma acutangulum*, L. °
 > 628. *Herpestis Salzmannii*, Benth. °
 ✓ 629. *Hippocatea Acapulcensis*, HBK. °
 > 630. *Crescentia alata*, HBK. °
 > 631. *Lithonia tagetiflora*, Drsf. °
 ✓ 632. *Cassia bicapsularis*, L. °
 633.
 634.
 635.

Oct. 29.

S.O. Parish.

"Monardella stricta, Parish n. sp."

= *M. linearis*, var.?41. *Halimolobos cuneatachys*, Wats.8. *Salidago spectabilis*, Gray.83. *Potentilla rivalis*, var. *melligra*, Wats.28. *Lupinus Sitgreavesii*, Wats.1007. *Amophila pauciflora*, Dougl.

J.M. Hubby, Cleveland, Nov. 14.

1. *Aster salicifolius*2. " *paniculatus* -

3. " "

4. " "

5. " "

6. *Salidago ulmifolia*7. " *squarrosa*8. *Coreopsis aurea*, var. *incisa*.

N.H. Manning, Brookline.

Galium palustre, L." *mollugo*, L.*Arnica lutea*, Rehl.*Corrigiola littoralis*, L.*Alyssum calycinum* -

Jan 22-23 '96.

Prof. Alfredo Dugo, Guanajuato.

348. *Delphinium leptophyllum*, Hemsl.
316. *Eschscholtzia californica*, Cham. "Aucupola amarillo"
137. *Helianthemum glomeratum*, Lag. "Tanajuna"
- N. *Arenaria saxosa*, Gray.
- G. *Sida angustifolia*, Lam.
- D. " *Carpiniifolia*, L.
117. *Eriodendron aesculifolium*, DC. "Pochotl"
- 287 ^{var. n.} *Abutilon holosericeum*, Schreb.
- H. *Erodium cicutarium* L'Her.
- S. *Canavalia villosa*, Benth.
- J. *Zornia diphylla*, Pers.
- 257² *Cassia Palmeri*, Watson.
304. *Oenothera Whitneyi*, Gray. "Violeta del pais."
306. *Oenothera rosea*, Ait. "Yerba del golpe"
- M " "
- L *Lythrum vulperaria*, Ait.
- O " "
- 308^b *Lopezia integrifolia*, DC.
- Heterospermum pinnatum*, Cav.
- Saptes micrantha*, Cav.
- "Phyllocactus" = *Phyllocactus anguliger*, Lem.
320. *Passiflora inamoena*, Gray "Cocopitos".
- "Bauvardia" = *B. hypoleuca*, Benth.
425. *Eupatorium Mendezii*, DC.
429. *Bickellia Cavanillesii*, Gray.
- P *Eugenia delphinifolia*, Willd.

455 & 455^B *Cucullia Mexicana*, Mart. "Mirasol amarillo"
or "Lampotillo"

469. *Verbena serrata*, Cav. "Vara blanca";
"Flor de Invierno" = *Dahlia variabilis*, Desf.
"Dahlia Sauvage" = "gracilis, Art.
424^A *Cosmos sulphureus*, Cav. "Mirasol amarillo".
472. *Electra Mexicana*, DC.
478. *Porophyllum coloratum*, DC. "Yerba del venado"
477 " *macrocephalum*, DC. " " "
481. *Cacalia cordifolia*, HBK. "Cachán ou Condurango"
88. *Spigelia scabrella*, Benth.
93. *Therelia Ycotti*, DC, var. *glabra*, DC. "Frayles".
"Cazamate" *Sponoxia mexicanoides*, K & S.
"Pomme de terre Sauvage". *Solanum tuberosum*, L.
416. *Solanum elaeagnifolium*, Cav. "Trompillo".
A *Solanum dejectum*, n. sp.
412. *Physalis mollis*, Nutt., var. *cinerascens*, Gray. "Cogtomate".
E / " " "
409. *Datura Tatula*, L.
G " *metaloides*, DC.
382. *Peutzetimon gentianoides*, Don?
387. *Lamoureauxia rhinanthifolia*, HBK.
R. *Seymeria virgata*, Benth.
116. *Martynia fragrans*, Lindl. "Toritos".
114. *Tecoma mollis*, HBK. "Tromadora".
B. *Salvia axillaris*, Moench & Sene.
"Chia" = " *Hispanica*, L.
"Yerba del abito" = *Ayptis stellulata*, Benth.

79. *Gomphrena decumbens*, Jacq.
 "Inclite morado" - *Amarantus leucosperma*, Wats.
 "Romeritos" - *Suaeda intermedia*, Watson.
 I. *Euphorbia adenoptera*, Benth.
 E. " *filulifera*, L.
 K. " *hypericifolia*, L.
 Chén - *Inereus glabrescens*, Benth.
 T. *Calochortus Bonplandianus*, Schult. f.
 31. B. *Commellina Virginica* L. "Yuba del pollo"
 31. A. " *graminifolia*, HBK.
 "Coquitos" - *Cyperus Fendlerianus*, Boeckl.
 "Calantillo" *Adiantum Copillus-veneris*, L.
 F. c. *Polypodium aureum*, L., var. *areolatum*, DC. "Calahuala pinta",
 "Calaguala" " *plebeium*, Schl.

Feb. 10. 1896.

Aven Nelson - "New" Plants from Wyoming.

999. *Senecio lugens*, Rich., var. *foliosus*, Gray.
 1037. " " "
 1255. *Salix macrocarpa*, Nutt.
 1296. Leaves of one of Malvaceae
 1320. *Oxytropis Lambertii*, Pursh.
 1375. *Mentzelia dispersa*, Watson.
 1389. *Senecio Douglasii* DC. = *S. Riddellii* T. & G.
 1441. " " " = *S. longilobus*, Benth.
 1448. *Chenopodium capitatum*, L.?
 1478. *Vicia Americana*, Muhl.
 1546. *Rumex salicifolius*, Nees? too young.
 1548. *Thalictrum*
 1553. *Aplopappus Fremonti*, Gray, ^{toward} var. *Wardii*, Gray.
 1572. *Eriogonum flavum*, Nutt.
 1573. *Hymenopappus filifolius*, Hook. forma.
 1581. *Aquilegia*
 1586. *Salix flavesceus*, Nutt.
 1592. *Aster Lindleyanus*, Torr. & Gray.
 1598. *Salix cordata*, Muhl.
 1611. *Trifolium dasycepalum*, Torr. & Gray.
 1618. *Picea*
 1637. *Ceanothus*
 1725. *Gentiana serrata*, Gumm.
 1732. apparently a young shoot of *Juniperus* -
 1733. *Salix monticola*, Bebb.
 1755. *Salix candida*, Willd.

1757. *Salix* —
 1759. *Salix desertorum*, Rich.
 1764. *Trifolium Parryi*, Gray.
 1765. *Lupinus glaucus*, Nutt., var. *dasycephalus*, Torr.
 1772. *Eriogonum uniflorum*, L.
 1793. *Silene*
 1798. *Plantago Tweedii*, Gray.
 1819. *Patentella Plattensis*, Nutt.?
 1820. *Geum Rossii*, Seringe
 1839.
 1849.
 1854. *Veronica peregrina*, L.
 1856. *Salix rostrata*, Rich.?
 1862. *Urtica Breweri*, Watson.

Feb. 20, 1896.

Plants from A. S. Hitchcock, Manhattan, Kans.

32. *Carydalis aurea*, Willd.
 35. *Astragalus latiflorus*, Hook.
 108. *Hymenopappus corymbosus*, Nutt.
 121. *Ladescantia Virginica* -
 142. *Rubus Canadensis*, L., var. *rouitaceus*, Bailey -
 143. *Rubus villosus*, Nutt.
 174. *Allium mutabile*, Michx.
 209. *Physalis Virginiana*, Mill.
 213. *Physalis lanceolata*, Michx.
 237. *Cuscuta chlorocarpa*, Engelm.
 254. *Juncus nodosus*, L., var. *megacephalus*, Tu.
 283. *Commelina Virginica*, L.
 303. *Juncus marginatus*, Rostk.
 310. *Juncus acuminatus*,
 318. *Physalis longifolia*, Nutt.
 342. *Chenopodium album*,
 349. *Acerule tamariscina*, Wood.
 351. *Chenopodium Boscianum*, Moq.
 373. *Hypericum mutilum*, L.
 507. *Lisquella Ludoviciana*, Wats.
 511. *Pentstemon albidus*, Nutt.
 573. *Allium katallu*, Wats.
 596. *Chrysopsis villosa*, Nutt., ^{det. var.} *hispidula* and *caesocaus*.
 592. *Linum rigidum*, Pursh.
 535. *Rosa (Rosa) Portu*.
 547. *Chenopodium Fremontii*, var. *incanum*, Wats.

551. *Lilia rigidula*, Benth., var. *acerosa*, Gray.
 557. *Eriogonum microthecum*, var. *effusum*, S. & G.
 564. *Astragalus elatiocarpus*, Sheld.
 565. *Penstemon albidus*, Nutt.
 569. *Aster oblongifolius*, Nutt., var. *rigidulus*, Gray.
 570. *Asclepias auriculata*, Engelm.
 571. *Physalis hederaefolia*, Gray.
 572. " *lanceolata*, var. *parvula*, Ryd. & G.
 576. *Hymenopappus trinifolius*, Benth.
 580. *Atriplex argentea*, Michx.
 585. *Eriogonum Jamesii*, Benth.
 587. *Mentzelia nuda*, Torr.
 596. *Actinella scapula*, Nutt.
 606. *Polypteris Hookeriana*, Gray.
 607. *Hymenopappus flavescens*, Gray.
 609. *Acrida tamarascina*, Torr.
 613. *Salinum calycinum*, Engelm.
 624. *Commelina Virginica*, L., var. *angustifolia*, Clarke.
 629. *Actinella scaposa*, var. *linearis*.
 632. *Penstemon trinifolius*, Gray.
 634. *Oenothera Greggii*, Gray.
 636. *Thelaspium foliolium*, Gray.
 640. *Chenopodium leptophyllum*, Nutt.
 648. *Mentzelia multiflora*, Nutt.
 649. *Euscampa decora*, Chas., var. *pulcherrima*, Engelm.
 666. *Cercopsis fruticosa*, Nutt.
 668. *Gerardia scoparia*, Dougl.
 678. *Euphorbia acutata*, Michx.

726. *Aster Ladecscanti*; L.
 802. *Aplorhappus spinulosus*, DC.
 807. *Oenothera Hartwegi*, Benth., var. *laevendurifolia*.

March 14, 1896.

Hawaiian Plants from A.A. Heller.

2870. *Pilea sapotaeifolia*, Mann, var. *B.* Hillebr.
 2631. *Mikstroemia elongata*, Gay.
 2535. " "
 2581. " " var. *recurva*, Hillebr.
 2545. " sp.
 2498. *Bacopa Mannii*, Hillebr.
 2500. *Euphorbia atrococca*, Heller, n.sp. may be good
 but too near *E. cclastroides*, Boiss.
 2440. *Kadua Cookiana*, Cham. & Schl., var. *elatis*, Hillebr.
 2443. *Labellia toruosa*, Heller, n.sp. (O.K.)
 2597. *Cyanea* sp. may be new, or possibly
 a var. of *C. angustifolia*.

March 21, 1896 -

A.A. Curtis.

5202. *Lespedeza intermedia*, Britton
 5203. " *polystachya*, Michx.
 5204. " *angustifolia*, Ell.
 4522. *Vaccinium corymbosum*, Thwaites var. *fuscatum*, Gay.
 4522 B. " "
 4579. " *nitidum*, Auct., Thwaites *Myrsinites*, Lam.

- 4579A. *Vaccinium nitidum*, Andr.
 4592 " *formosum*, Andr.
 4592B, " "
 4592C " "
 5282. *Polygonum cristatum*, Eng. & Gray.
 4576. *Coussale micrantha*.

Queen Nelson - March 21, '96.

397. *Phlox Douglasii*, Hook.
 1650. *Stephanomenia minor*, Nutt.
 1553. *Aplopappus Fremonti*, Gray, ^{near} var. *Wardii*, Gray.

June 27.

- A. Duges, Guayaquato.
 "Polypodium?" = *Aephusidium patens*, Desv.
 "Zaluzania" = *Zaluzania angustata*, Sch. Bip.
 "Euphorbiaceae?" = *Forestiera phillyroides*, Lou.
 (Reseda luteola, L.)
 X = *Ileocharis truncata*, Sch.
 Cuphea = *C. mesocheila*, Greene.
 "Rosaceae" = *Arundo Donax*, L.
 "Aliso" = *Alnus acuminata*, A.P.K.
 Santa de la Cruz = *Asparagus nedocaloides*, Thunb.
 Pichon = *Gonolobus voronius*, Gray.
 Parajillo = *Ilex Dugesii*, Fern.
 ! Mimosa = *Lysiloma Dugesii* n. sp.
 370. Ocotillo = *Ipomoea viscosa*, L.

Sabinio = *Laxodum mucronatum*. Ten.

"Cuáquil" = *Celtis caudata*, Planch.

405A = *Cestrum laxum*, Benth.

Gorro de Napoleon = *Salandra grandiflora*.

1894 Madroña negro = *Arbutus glandulosus*, M. & G.

190 Madroña = *Arbutus Kalapensis*, HBK.

Ohelisco = *Hibiscus Rosa-sinensis*, L.

Aristolochia sp.

Aphaenocera?

Salvia?

May 12, '96.

Cotoneaster denticulata, HBK.

Jatropha spatulata, Mill., var. *sessiliflora* Mill.

"Gaujino" = *Celtis Tala*, Gill?

Condoleezza Rice
L = returned to Washington.

Palmer's 1891-92 Plants, from Tepic &c.

- ✓1838. *Journefortia Hartwegiana*, Steud.
✓1798. " " "
✓1776. " *floribunda*, HBK.
✓1825. *Cordia ferruginea*, R. & S.
✓1707. *Cordia Geacanthus*, Jacq.
✓1750. *Heliotropium phyllostachyum*, Tou.
✓1442. " *fruticosum*, L.
✓no no. " *Indicum*, L.
✓1527. " "
✓1456. " "
✓no no. " *parviflorum*, L.
1524
~~1773~~ "
✓1895 *Oreosmodium*?
✓1837. *Trigaudia Kunthii*, Choisy.
✓1913. *Isoloma Jaliscana*, Watson.
1731. *Ipomoea* sp. (poor material)
✓1997. " *Grayi*, Rose.
✓1708. " *trifida*, Don, var. *Tracyana*, Gray
✓1746. " " " " "
✓1809. " *pentaphylla*, Jacq.
✓1863. " *sidaefolia*, Choisy.
✓1780. " *quinquefolia*, Griseb.
✓1705. " *leptotoma*, Tou.
✓1725. *Jacquemontia violacea*, Choisy.
✓1823. *Evolvulus alsinoides*, L. (perhaps *E. acapulcensis*, Willd.).
1713. *Physalis*
✓1835. " *micandroides*, Schell.

- ✓2051. *Nicotiana plumbaginifolia*, W.
 ✓2053. *Datura* sp.
 ✓1502. *Solanum Lambii*, Fernald.
 ✓2067. " *nigrum*, L., var. *Dillenii*, Gray.
 ✓1887. " *diversifolium*, Schl.
 ✓1766. " *verbascifolium*, L.
 ✓2046. *Buchnera pilosa*, Benth.
 ✓2050. *Castilleja canescens*, Benth.
 ✓2045. " *lithospermoides*, A.B.K.
 ✓— *Lamoureauxia viscosa*, A.B.K.
 ✓— " " "
 ✓— " " "
 ✓— " *multifida*, A.B.K.
 ✓2044. *Scoparia dulcis*, L.
 ✓2047. *Herpestis Monnieri*, A.B.K.
 ✓— *Russelia sarmentosa*, Jacq.
 ✓— " " "
 ✓2043. *Stemodia peduncularis*, Benth.
 ✓— *Herpestis chamaedryoides*, A.B.K.
 1712
 2007
 1775
 1735
 2001.
 1752
 ✓1415. *Carlwrightia glabrata*, Fernald.
 ✓1987. *Carlwrightia cordifolia*, Gray.
 ✓4 *Ruellia tuberosa*, L.
 ✓1987. *Jacobinia Mohrntlii*, Hemsl.
 ✓4 *Dicliptera brachiata*, Spr.

1872 *Vernonia*? *Palmeri*, Rose.

✓ *Stachys Jamaicense*, L.

✓ 1585. *Hypoxis polystachya*, HBK. var.

1965a " sp. not in Hb. G. between *albida* & *oblongifolia*.

✓ 1903. " *rhytidica*, Benth.

✓ 1909. " *spicata*, Poir.

✓ 2014. " *pectinata*, Poir.

✓ 639. " *suavolens*, Poir.

✓ " *stellulata*, Benth.

✓ 965. " *oblongifolia*, Benth.

✓ " *albida*, HBK.

✓ 1864. " " "

✓ 516. *Stachys coccinea*, Jacq.

✓ 831. " *agraria*, Ph. & Schl.

✓ *Salvia occidentalis*, Swartz.

✓ " "

✓ 512. " *Mocinosi*, Benth.

✓ 967. " *thyrsiflora*, Benth.

✓ 2054. " *coccinea*, L.

✓ 2065. " *glechonaeifolia*, HBK.

✓ 897. " *hyptoides*, Mart. & Gal.

✓ 911. " *lavenduloides*, HBK.

✓ 2009. " *prunelloides*, HBK.

✓ 1441a. " *Mexicana*, L., var. *minor*, Benth.

✓ 1749. " *privoides*, Benth.

✓ 675. " *albiflora*, Mart. & Gal.

✓ 984. " — sp. (pour matériel)

✓ 1964. " *aliena*, Greene, ex char.

Od. Allen. Miscellaneous. July 2, 1896.

- a Rosa
 b. Epilobium Hornemannii, Reichenb.
 c. Lysichiton amantissimus, Hook.
 d. Stenanthium occidentale, Gray.
 e. Osmorhiza occidentalis, Torr.
 f. Aspidium louchites, Swg.
 g.
 h. Aneides multiplicata
 i. Streptopus roseus, Michx.
 j.
 k. Polemonium humile, Willd., var. pulchellum, Gray (form = P. pulcherrimum, Hook.)
 l. Gilia debilis, Nutt. (form = G. Larseni, Gray)
 m. Anemone plantaginifolia, Hook.
 n. Carex nigricans, Meyer.
 o. Carex Preslii, Steud.
 p. Carex strata, L.
 q.
 r. Saxifraga debilis, Engelm.
 s. Cardamine oligosperma, Nutt.
 t. Arnica amplexicaulis, Nutt.

Clara E. Cummings.

California & Oregon, 1896

- > 1. *Ceanothus integrifolius*, Hook. & Arn.
- > 2. *Prunus demissa*, Raf.
- > 3. *Rhus Canadensis*, Marsh., var. *trilobata*, Gray.
- > 4. *Malicothrix Californica*, DC.
- > 5. *Chenopodium Californica*, Cham.
- > 6. *Oenothera strigulosa*, Ton. & G.
- > 7. *Gilia multicaulis*, Benth.
- > 8. *Orthocarpus purpurascens*, Benth.
- > 9. *Hosackia stigmatica*, Nutt.
- > 10. *Salvia Columbaria*, Benth.
- > 11. *Marrubium vulgare*, L.
- > 12. *Distichlis maritima*, Raf.
- > 13. *Cynodon Dactylon*, Pers.
- > 14. *Melilotus Indica*, Willd. *Catula coronopifolia*, L.
- > 15. *Eleocharis* sp. (too young)
- > 16. *Distichlis maritima*, Raf.
- > 17. *Cenchrus ciliaris*, Hook.
- > 18. *Mimulus luteus*, L.
- > 19. *Sidalcea pauciflora*, Greene.
- > 20. *Quercus Californica*, Hook.
Californicus, Benth.
- > 21. *Ranunculus occidentalis*, L. *occidentalis*, Gray.
- > 22. *Carex siccata*, Dewey.
- > 23. *Eriogonum Philadelphicum*, L.
- > 24. *Oenothera bipectinata*, Nutt., var. *Veitchiana*, Hook.
- > 25. *Montia perfoliata*, Howell.
- > 26. *Melilotus Indica*, Willd.
- > 27. *Catula coronopifolia*, L.

- > 28. *Trifolium involucreatum*, Willd.
- > 29. *Lobelia imbricata*, Ruiz & Pav.
- > 30. *Phalaris intermedia*, Rose.
- > 31. *Ammickia intermedia*, Lth.
- > 32. *Pectocarya linearis*, DC.
- > 33. *Rhaecia Tanacetifolia*, Benth.
- > 34. *Elia pungens*, Benth. var. *Hardeni*, Gray.
- > 35. *Lupinus trifidus*, Torr.
- > 36. *Calandrinia caulescens*, HBK.
- > 37. " " "
- > 38. *Hordeum muricatum*, R.
- > 39. *Stipa setigera*, Presl.
- > 40. *Leptachloa grandiflora*, Hook.
- > 41. *Scirpus lacustris*, L.
- > 42. *Scirpus Olneyi*, Gray.
- > 43. *Eriodictyon tomentosum*, Benth. var. *crassifolium*.
- > 44. *Trifolium tridentatum*, Lindl.
- > 45. *Anapallis arvensis*, L.
- > 46. *Oenothera bioides*, Nutt.
- > 47. *Euphorbia albomarginata*, Torr. & G.
- > 48. *Muhlenbergia debilis*, Trin.
- > 49. *Eriogonum fasciculatum*, Benth.
- > 50. *Castilleja foliosa*, Hook. & Arn.
- > 51. *Solanum umbelliferum*, Esch.
- > 52. *Silene Gallica*, L.
- > 53. *Callisera bicolor*, Benth.
- > 54. *Picoteana glauca*, R.
- > 55. *Minulus puniceus*, Steud.

- > 56. *Peucephyllum spectabilis*, Thunberg.
- > 57. *Opalis Wrightii*, Gray?
- > 58. *Dendromecon rigida*, Benth.
- > 59. *Eriophyllum confertiflorum*, Gray.
- > 60. *Gilia dianthoides*, Eudl.
- > 61. *Eriodum Botrys*, Bertol.
- > 62. *Asackia glabra*, Torr.
- > 63. *Melilotus indica*, Willd.
- > 64. *Viola pedunculata*, T. & G.
- > 65. *Layia elegans*, Gray.
- > 66. *Saeria anthemoides*, Gray.
- > 67. *Oxybaphus myrtaphus*, Sweet, var. *oblongifolius*, Gray.
- > 68. *Brodiaea ixioides*, Watson.
- > 69. *Marrubium vulgare*, L.
- > 70. *Sidalcea malvaeflora*, Gray.
- > 71. *Trynitzkia ambigua*, Gray.
- > 72. *Lepidium nitidum*, Nutt.
- > 73. *Ellisia membranacea*, Benth.
- > 74. *Phacelia tanacetifolia*, Benth.
- > 75. *Gilia micrantha*, Steud.
- > 76. *Collinsia bicolor*, Benth.
- > 77. *Peucephyllum parviflora*, Dawson.
- > 78. *Plantago Patagonica*, Jacq.
- > 79. *Delphinium variegatum*, Torr. & Gray.
- > 80. *Medicago denticulata*, Willd.
- > 81. *Eucelia Californica*, Nutt.
- > 82. *Astragalus leucopsis*, T. & G.
- > 83. *Castilleja foliosa*, Hook. & Arn.

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- > 85. *Ascaetia brachycarpa*, Benth.
- > 86. *Arenaria Douglasii*, Torr. & Gray.
- > 87. *Amsinckia intermedia*, F. & M.
- > 88. *Gilia densiflora*, Benth.
- > 89. *Bromus rubens*, L.
- > 90. *Psoralea linearis*, DC.
- > 91. *Callisia Davidsonii*, Parish.
- 92.
- 93.
- 94.
- 95.
- 96.
- 97.
- 98.
- 99.
- > 100. *Lupinus micranthus*, Dougl., var. *microphyllus*, Wats.
- > 101. *Tropidocarpum gracile*, Hook.
- > 102. *Mimulus moschatu*; Dougl.
- > 103. *Trifolium ciliatum*, Nutt.
- > 104. *Gilia pusilla*, Benth., var. *Californica*, Gray.
- > 105. *Cerostoma dentata*, Cov., var. *grandiflora*, Wats.
- > 106. *Godetia frutella*, Wats.
- > 107. *Platystemon Californicus*, Benth.
- > 108. *Bromus mollis*, L.
- > 109. *Orthocarpus attenuatus*, Gray.
- > 110. *Trifolium Macraei*, H. & A., var. *albopurpureum*, Greene. (Pab.)
" *ciliatum*, Nutt. (glabr)
- > 111. *Pogogyne Douglasii*, Benth. (small form)

- > 112 *Mimulus leptaleus*, Gray.
- > 113 *Mimulus occidentalis*, Nutt.
- > 114 *Eryngium* (too young)
- > 115 " " " " " " " "
- > 116 *Amophila parviflora*, Dougl. var. *pedunculata* Gray.
- > 117 *Callisia parviflora*, Dougl.
- > 118 *Gilia gracilis*, Hook.
- > 119 *Viola haemorsa*, Dougl.
- > 120 *Fragaria Chilensis*, Duchesne.
- > 121 *Viola Sheltonii*, Torr.
- > 122 *Amsinckia spectabilis*, F. & M.
- > 123 *Amophila parviflora*, Dougl.
- > 124 *Prunus subcordata*, Benth.
- > 125 *Rumex acetosella*, L.
- > 126 *Stellaria longipes*, Goldie.
- > 127 *Montia parviflora*, Howell.
- > 128 *Veronica serpyllifolia*, L.
- > 129 *Hypnum angustatum*, Cham. & Schlecht.
- > 130 *Viola canina*, L., var. *adunca*, Gray.
- > 131 *Amophila insignis*, Dougl.
- > 132 *Umbellularia Californica*, Nutt.
- > 133 *Hemizonia* ?
- > 134 *Gilia gracilis*, Hook.
- > 135 *Eryngium* ? (too young)
- > 136 *Alectroaphylos glauca*, Lindl.
- > 137 *Alectroaphylos pungens*, Hook. var. *platyphylla*, Gray.
- > 138 *Viola blanda*, Willd.
- > 139 *Galium* (too young)

- > 140 *Ribes sanguineum*, Pursh, var. *glutinosum*, Watson.
- > 141 *Acer macrophyllum*, Pursh.
- > 142 *Ribes Menziesii*, Pursh, var. with pilose pubescent ovary.
- > 143 *Pilosus Douglasii*, Draft. Hook.
- > 144 *Asarum Hartwegii*, Watson.
- > 145 *Lupinus microcarpus*, Sims.
- > 146 *Valerianella macrocera*, Gray.
- > 147 *Gilia ciliata*, Benth.
- > 148 *Godetia epilabioidea*, Wats.?
- > 149 *Delphinium hesperium*, Gray, loose-flowered form.
- > 150 *Collinsia Davidsonii*, Parish.
- > 151 *Mimulus leptaleus*, Gray.
- > 152 *Trifolium variegatum*, Nutt.
- > 153 *Mimulus luteus*, L.
- > 154 *Chaenactis glabriuscula*, DC.
- > 155 *Scrophularia Californica*, Cham.
- > 156 *Oithocarpus densiflorus*, Benth.
- > 157 *Mimulus Fremonti*, Gray.
- > 158 *Mimulus moschatus*, Dougl.
- > 159 *Chorizanthe membranacea*, Benth.
- > 160 *Thacelia lanacetifolia*, Benth.
- > 161 *Pogogyne Douglasii*, Benth.
- 162
- > 163 *Spraguea umbellata*, Torr.
- > 164 *Galium* (too young).
- > 165 *Luzula campestris*, DC.
- > 166 *Ceanothus dentata*, Cav., var. *grandiflora*, Watson.
- > 167 *Hemizonia Wrightii*, Gray.

- > 168 *Roubriva multifida*, Moq.
- > 169 *Pterosopia drymasioides*, Fisch. & Meyer
- > 170 *Briza media*, L.
- > 171 *Hordeum pratense*, Huds.
- > 172 *Chorizanthe stellulata*, Benth.
- > 173 *Lilia dianthoides*, Endl.
- > 174 *Deudomecon rigida*, Benth.
- > 175 *Salvia caduacea*, Benth.
- > 176 *Lupinus ornatus*, Dougl.
- > 177 *Castilleja parviflora*, Bong.
- > 178 *Eucelia farinosa*, Ton.
- > 179 *Stachys albens*, Gray
- > 180 *Hosackia glabra*, Ton.
- > 181 *Salvia angustifolium*, Benth.
- > 182 *Pentstemon antirrhinoides*, Benth.
- > 183 *Callisaya bicolor*, Benth.
- > 184 *Agrophila insignis*, Dougl.
- > 185 *Vicia exigua*, Benth.
- > 186 *Pentstemon Palmeri*, Gray.
- > 187 *Lilia virgata*, Steud.
- > 188 *Præcia leucocarpa*, Benth.
- > 189 *Præcia campanulata*, Gray.
- > 190 *Montia parviflora*, Benth.
- > 191 *Eleutheria coccinea*, Benth.
- > 192 *Eriophyllum confertiflorum*, Gray, var. *trifidum*, Gray.
- > 193 *Salvia Columbariae*, Benth.
- > 194 *Lupinus concinnus*, Agardh.
- > 195 *Tallima affinis*, Bol.

- > 196 *Temaphila Menziesii*, Holl.
 > 197 *Sityrax Californica*, Torr.
 > 198 *Delphinium variegatum*, Torr. & Gray.
 > 199 *Arabis arcuata*, Gray.
 > 200 *Lupinus concinnus*, Agardh.
 > 201 *Cassilleia* sp.
 > 202 *Lupinus Grayi*, Watson.
 > 203 *Umbellulana Californica*, Nutt.
 > 204 *Quercus* sp.
 > 205 *Eriogon foliosum*, Nutt.
 > 206 *Ranunculus tenellus*, Nutt., var. *Lynalli*, Robinson.
 > 207 *Astragalus campestris*, Torr.
 > 208 *Potentilla Anserina*, L.
 > 209 *Viola glabella*, Nutt.
 > 210 *Erythronium grandiflorum*, Pursh.
 > 211 *Thermopsis montana*, Nutt.
 > 212 *Veronica alpina*, L.
 > 213 *Tellima grandiflora*, R.Br.
 > 214 *Thermopsis rhombifolia*, Rich.
 > 215 *Rosa gymnocarpa*, Nutt.
 > 216 *Oxylocarpus pusillus*, Benth.
 > 217 *Meibomia denticulata*, Willd.?
 > 218 *Pentstemon acuminatus*, Dougl.
 > 219 *Lupinus micranthus*, Dougl.
 > 220 *Rubus Nutkanus*, Moc.
 > 221 *Vicia Americana*, Muhl.
 > 222 " " var. *linearis*, Watson.
 > 223 *Rubus sanguineus*, Pursh, var. *malvaceum*, Gray.

- 224 *Vicia Americana*, Muhl.
- 225 *Cornus stutallii*, Audubon.
- 226 *Tradescantia Virginica*, L. (fide J. R. R.)
- 227 *Lychnis dioica*, L.
- 228 *Primula mistassinica*, Michx.
- 229 *Geum triflorum*, Pursh.
- 230 *Arnica cordifolia*, Hook.
- 231 *Amelanchier alnifolia*, Nutt.
- 232 *Troximon heterophyllum*, Greene.
- 233 *Aira caryophylla*, L.
- 234 *Veronica arvensis*, L.
- 235 *Ranunculus hystericulus*, Gray.
- 236 *Viola canina*, L., var. *puberula*, Watson.

Little *Ranunculus* from Truckee, Cal. =
R. alismifolius, Geyer, much reduced,

